Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.(Page No. 5 / Item No. 2.3 of PWD SR 2018-19)						
	New Building In Front Of Anjaneya Temple						
	Column footing	9	1.60	1.60	1.80	41.47	
	Long Wall						
		1	16.40	1.00	1.00	16.40	
		1	15.00	1.00	1.00	15.00	
	Short Wall						
		5	3.05	1.00	1.00	15.25	
		1	2.05	1.00	1.00	2.05	
		1	1.15	1.00	1.00	1.15	
	For Sump	1	2.90	2.70	2.50	19.58	
	Deduction						
	Column	-9	0.45	1.00	1.00	-4.05	
	For SSM Steps in Front of Temple						
		1	10.30	1.50	0.90	13.91	
	For Raising of Wall to Temple Surroundings						
	From North West to North East						
	Below GL						
		1	2.30	0.90	0.75	1.55	
	At North East Side						
	Below GL	1	1.00	1.00	0.90	0.90	
	For RCC Retaining Wall						
	South Side						
	Below GL						
	For Footing	1	0.45	0.90	0.90	0.36	
		1	0.90	0.90	0.90	0.73	
	For Flooring to Temple Surroundings						
	From South-west Main Gate to South East Main Gate						
		1	4.60	3.30	0.25	3.80	
		1	10.00	3.00	0.25	7.50	
	Deduction Plant Area	-1	9.00	0.60	0.25	-1.35	
		1	12.30	2.80	0.25	8.61	
	Deduction Garuda Kamba	-1	1.70	1.20	0.25	-0.51	

AEE

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	13.00	2.35	0.25	7.64	
		1	1.60	3.40	0.25	1.36	
		1	3.40	0.50	0.25	0.43	
	Chamber	-1	0.70	0.60	0.25	-0.11	
					Present Qty	151.67	Cum

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13
05/12/21
to
12/12/21

Assistant Executive Engineer
Shettyhalli Sub Division
05/12/2021
To
12/12/2021

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS (P.No. 13/ I.No. 4.2 of PWD 2018-19)						
	New Building In Front Of Anjaneya Temple						
	Column footing	9	1.60	1.60	0.15	3.46	
	Long Wall						
		1	16.40	1.00	0.15	2.46	
		1	15.00	1.00	0.15	2.25	
	Short Wall						
		5	3.05	1.00	0.15	2.29	
		1	2.05	1.00	0.15	0.31	
		1	1.15	1.00	0.15	0.17	
		1	2.90	2.70	0.15	1.17	
	For Sump						
	Deduction						
	Column	-9	0.45	1.00	0.15	-0.61	
	For SSM Steps in Front of Temple						
		1	10.30	1.50	0.15	2.32	
	For Raising of Wall to Temple Surroundings						
	From North West to North East						
	Below GL						
		1	2.30	0.90	0.15	0.31	
	At North East Side						
	Below GL	1	1.00	1.00	0.15	0.15	
	For RCC Retaining Wall						
	South Side						
	Below GL						
	For Footing	1	0.45	0.90	0.15	0.06	
		1	0.90	0.90	0.15	0.12	
	For Flooring to Temple Surroundings						
	From South-west Main Gate to South East Main Gate						
		1	4.60	3.30	0.15	2.28	
		1	10.00	3.00	0.15	4.50	
	Deduction Plant Area	-1	9.00	0.60	0.15	-0.81	

AEE

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	12.30	2.80	0.15	5.17	
	Deduction Garuda Kamba	-1	1.70	1.20	0.15	-0.31	
		1	13.00	2.35	0.15	4.58	
		1	1.60	3.40	0.15	0.82	
		1	3.40	0.50	0.15	0.26	
	Chamber	-1	0.70	0.60	0.15	-0.06	
					Present Qty	30.88	Cum

Signature of the Contractor

Assistant Engineer
Ward No.13
08/12/21
to
05/01/22

Assistant Executive Engineer
Shettyhalli Sub Division
08/12/2021
To
05/01/2022

BRUHAT BENGALURU
Office of the Executive Engineer, Das
MODIFIED SCHEDULE B

Name of work:Comprehensive development works in ward no.13, Mallasandra

Item No	Pre Measurements Pre Measurement Date Recorded On: Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications						
	New Building In Front Of Anjaneya Temple						
	Below GL						
	1st Step						
	Long Wall	1	16.40	0.75	0.60	7.38	
		1	15.00	0.75	0.60	6.75	
	Short Wall	5	3.15	0.75	0.60	7.09	
		1	2.15	0.75	0.60	0.97	
		1	1.25	0.75	0.60	0.56	
	2nd Step						
	Long Wall	1	16.40	0.60	0.40	3.94	
		1	15.00	0.60	0.40	3.60	
	Short Wall	5	3.30	0.60	0.40	3.96	
		1	2.30	0.60	0.40	0.55	
		1	1.40	0.60	0.40	0.34	
	Above GL						
	Long Wall	1	16.40	0.45	0.40	2.95	
		1	15.00	0.45	0.40	2.70	
	Short Wall	5	3.60	0.45	0.40	3.24	
		1	2.60	0.45	0.40	0.47	
		1	1.70	0.45	0.40	0.31	
	Deduction						
	Column	-9	0.45	0.15	1.40	-0.85	
	For SSM Steps in Front of Temple						
	Below GL	1	10.30	1.40	0.75	10.82	
	Above GL						
	1step	1	10.30	1.20	0.15	1.85	
	2nd Step	1	10.30	0.90	0.15	1.39	
	1step	1	10.30	0.60	0.15	0.93	
	3rd Step	1	10.30	0.30	0.15	0.46	
	For Raising of Wall to Temple Surroundings						
	From North West to North East						
	Below GL	1	2.30	0.75	0.75	1.29	
	Above GL	1	2.30	0.40	1.40	1.29	

AEE

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	1.50	0.40	0.40	0.24	
		1	11.00	0.40	0.40	1.76	
	From West Gate	1	16.00	0.40	0.40	2.56	
	From South East to North East	1	1.00	0.90	0.75	0.68	
	Below GL	1	1.00	0.40	1.00	0.40	
	Above GL	6	0.40	0.40	0.50	0.48	
	Top						
	Flagging Course For Temple Building on Above the Roof						
		2	9.80	0.40	0.40	3.14	
		2	9.00	0.40	0.40	2.88	
					Present Qty	**74.11**	**Cum**
					Qty upto 125%	**69.14**	**Cum**
					Qty Above 125%	**4.97**	**Cum**

Signature of the Contractor

Assistant Engineer
Ward No.13 20/12/21
to
10/01/22

Assistant Executive Engineer I
Shettyhalli Sub Division 20/12/2021
to
10/01/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing ruled pointing to coursed stone masonry with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications (Page No. 115 / Item No. 15.3, PWD SR 2018-19)						
	New Building In Front Of Anjaneya Temple						
	Above GL						
	Long Wall						
		1	16.40		0.40	6.56	
		1	15.00		0.40	6.00	
	Short Wall						
		5	3.60		0.40	7.20	
		1	2.60		0.40	1.04	
		1	1.70		0.40	0.68	
	For Raising of Wall to Temple Surroundings						
	From North West to North East						
	Above GL						
		2	2.30		1.40	6.44	
		2	1.50		0.40	1.20	
	From West Gate	2	11.00		0.40	8.80	
	From South East to North East	2	16.00		0.40	12.80	
		2	1.00		1.00	2.00	
	Top	12	0.40		0.50	2.40	
	Flagging Course For Temple Building on Above the Roof						
		4	9.80		0.40	15.68	
		4	9.00		0.40	14.40	
					Present Qty	**85.20**	**Sqm**
					Qty upto 125%	**41.80**	**Sqm**
					Qty Above 125%	**43.40**	**Sqm**

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13 10/01/22

Assistant Executive Engineer
Shettyhalli Sub Division 10/01/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Pre Measurements						
	Pre Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Filling avaialble excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification (Page No. 7 / Item No. 2.10 / PWD SR 2018-19)						
					Qty Same As Per Item No.01	151.67	
					Present Qty	**151.67**	**Cum**

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13 30/12/21

Assistant Executive Engineer
Shettyhalli Sub Division 30/12/2021

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	KSRB 4.2.7: Providing and laying in position reinforced cement concrete cum of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.						
	New Building In Front Of Anjaneya Temple						
	Below GL						
	Column footing	9	1.60	1.60	0.60	13.82	
	For Column	9	0.45	0.15	1.05	0.64	
	Above GL						
	For Column						
	GF to FF	9	0.45	0.15	3.00	1.82	
	FF to SF	9	0.45	0.15	3.15	1.91	
	SF to Top Floor	9	0.45	0.15	0.70	0.43	
	Ground Floor						
	Plinth Beam						
	Long Wall						
		1	16.40	0.45	0.30	2.21	
		1	15.00	0.45	0.30	2.09	
	Short Wall						
		5	3.30	0.45	0.30	2.23	
		1	2.30	0.45	0.30	0.31	
		1	1.85	0.45	0.30	0.25	
	Deduction Column	-9	0.45	0.15	0.30	-0.18	
	Lintel Beam						
	Long Wall						
		1	16.40	0.15	0.15	0.37	
	Short Wall						
		1	3.90	0.15	0.15	0.09	
		1	2.90	0.15	0.15	0.07	
		1	3.00	0.15	0.15	0.07	
	Deduction Column	-9	0.45	0.15	0.15	-0.09	
	Roof Beam						
	Long Wall						
		1	16.40	0.15	0.45	1.11	
		1	13.00	0.15	0.45	0.88	
	Short Wall						
		1	4.05	0.15	0.45	0.27	
		1	4.05	0.20	0.30	0.24	
		3	4.95	0.20	0.30	0.89	
		1	2.90	0.15	0.45	0.20	
		1	3.00	0.15	0.45	0.20	
	Deduction Column	-9	0.45	0.15	0.45	-0.27	
	First Floor						
	Lintel Beam						
	Long Wall						

AEE

Name of work:Comprehensive development works

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	16.40	0.15	0.15	0.37	
		1	13.00	0.15	0.15	0.29	
	Short Wall						
		4	3.80	0.15	0.15	0.34	
		1	3.00	0.15	0.15	0.07	
		1	1.40	0.15	0.15	0.03	
		1	0.60	0.15	0.15	0.01	
		-9	0.45	0.15	0.15	-0.09	
	Deduction Column						
	Roof Beam						
	Long Wall						
		1	16.40	0.15	0.45	1.11	
		1	15.00	0.15	0.45	1.01	
	Short Wall						
		5	4.95	0.15	0.45	1.67	
		1	3.00	0.15	0.45	0.20	
		1	2.00	0.15	0.45	0.14	
		1	3.10	0.15	0.45	0.21	
		-9	0.45	0.15	0.45	-0.27	
	Deduction Column						
	Roof Slab						
	GF						
		1	13.00	5.10	0.15	9.95	
		1	3.40	1.40	0.15	0.71	
	Deduction Roof Beam	-1	58.25	0.15	0.15	-1.31	
	FF						
		1	13.00	5.10	0.15	9.95	
		1	3.40	1.40	0.15	0.71	
	Deduction Roof Beam	-1	64.25	0.15	0.15	-1.45	
	For Stair Case						
	GF to FF						
	Landing						
	(BeLow GL)	1	1.00	0.90	0.60	0.54	
	(Above GL)	1	1.00	0.90	0.60	0.54	
	First Flight						
	Steps	9	(1/2*0.9*0.3)		0.15	0.18	
	Landing	1	2.00	1.20	0.15	0.36	
	Second Flight						
	Steps	4	(1/2*0.9*0.3)		0.15	0.08	
	Landing	1	1.80	0.90	0.15	0.24	
	Waist Slab						
		1	3.10	0.90	0.15	0.42	
		1	1.20	0.90	0.15	0.16	
	First Floor to Top Floor						
	Landing	1	1.90	0.90	0.15	0.26	
	First Flight						
	Steps	10	(1/2*0.9*0.3)		0.15	0.20	
	Landing	1	2.00	1.20	0.15	0.36	
	Second Flight						
	Steps	9	(1/2*0.9*0.3)		0.15	0.18	
	Landing	1	0.60	0.90	0.15	0.08	
		1	2.00	0.90	0.15	0.27	
	Waist Slab						
		1	3.50	0.90	0.15	0.47	
		1	3.10	0.90	0.15	0.42	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	For Sump						
	Bottom Raft	1	2.90	2.70	0.30	2.35	
	For RCC Wall	2	2.90	0.30	2.50	4.35	
		2	2.10	0.30	2.50	3.15	
	Deck Slab	1	2.90	2.70	0.15	1.17	
	For Retaining Wall						
	South Side						
	Below GL						
	For Footing	1	0.45	0.90	0.75	0.30	
		1	0.90	0.90	0.75	0.61	
	Above GL						
		1	0.45	0.20	1.30	0.12	
		1	0.90	0.20	1.50	0.27	
		1	6.00	0.20	0.35	0.42	
		1	0.45	0.20	0.20	0.02	
	For Flooring to Temple Surroundings						
	From South-west Main Gate to South East Main Gate						
		1	4.60	3.30	0.15	2.28	
		1	10.00	3.00	0.15	4.50	
	Deduction Plant Area	-1	9.00	0.60	0.15	-0.81	
		1	12.30	2.80	0.15	5.17	
	Deduction Garuda Kamba	-1	1.70	1.20	0.15	-0.31	
		1	13.00	2.35	0.15	4.58	
		1	1.60	3.40	0.15	0.82	
		1	3.40	0.50	0.15	0.26	
	Chamber	-1	0.70	0.60	0.15	-0.06	
					Present Qty	**87.09**	**Cum**
					Qty upto 125%	**76.28**	**Cum**
					Qty Above 125%	**10.82**	**Cum**

Signature of the Contractor

Assistant Engineer
Ward No.13
17/12/21 to 20/01/22

Assistant Executive Engineer
Shettyhalli Sub Division
17/12/2021 TO 20/01/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (page No. 15, Item No. 4.19, PWD SR 2018-19)						
	Chejja For Inside Room						
	First Floor	1	4.60	0.40		1.84	
		1	5.50	0.40		2.20	
		1	2.70	1.20		3.24	
		1	1.40	1.05		1.47	
		1	1.40	1.70		2.38	
					Present Qty	**11.13**	**Sqm**
					Qty upto 125%	**2.10**	**Sqm**
					Qty Above 125%	**9.03**	**Sqm**

AE

Signature of the Contractor

Assistant Engineer
Ward No.13 03/01/22

Assistant Executive Engineer
Shettyhalli Sub Division 03/01/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Item No	Pre Measurement Date Recorded On: / Discription of Item	No			Length	Weight in Kg/Mtr	Qty in Kg	Unit
8	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT bars Fe 500 -							
	Column Footing							
	Column Footing =9 No's							
	Main bar 16mm dia bar @ Spacing 125mm c/c							
	1.58kg/mtr	9	14		1.60	1.58	318.58	
	Main bar 12mm dia bar @ Spacing 125mm c/c							
		9	14		1.60	0.89	179.20	
	Column = 9No's (0.45*0.15 Mtr)							
	Below GL							
	Main bar 20mm dia bar							
	2.47kg/mtr	9	4		1.05	2.47	93.33	
	Main bar 16mm dia bar							
	1.58 kg/mtr	9	4		1.05	1.58	59.72	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.39kg/mtr	9	10		1.20	0.40	42.67	
	Above GL Upto GF Roof							
	Main bar 20mm dia bar							
	2.47kg/mtr	9	4		3.00	2.47	266.67	
	Main bar 16mm dia bar							
	1.58 kg/mtr	9	4		3.00	1.58	170.64	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.39kg/mtr	9	25		1.20	0.40	106.67	
	GF to FF Roof							
	Main bar 20mm dia bar							
	2.47kg/mtr	9	4		3.15	2.47	280.00	
	Main bar 16mm dia bar							
	1.58 kg/mtr	9	4		3.15	1.58	179.17	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.39kg/mtr	9	27		1.20	0.40	115.20	
	Terrace Floor							
	Main bar 20mm dia bar							
	2.47kg/mtr	9	4		0.70	2.47	62.22	

C&R

AEE

Item No	Discription of Item	No			Length	Weight Kg/Mtr	
	Main bar 16mm dia bar	9	4		0.70	1.58	39.82
	1.58 kg/mtr						
	Stirrups						
	Main bar 8mm dia bar Spacing @125mm c/c	9	7		1.20	0.40	29.87
	0.39kg/mtr						
	For Ground Floor						
	Plinth Beam-(0.45*0.30 Mtr)						
	Length=16.40 m						
	Main bar 16mm dia bar	1	6		16.40	1.58	155.47
	1.58kg/mtr						
	Main bar 12mm dia bar	1	4		16.40	0.89	58.38
	0.89 kg/mtr						
	Stirrups						
	Main bar 8mm dia bar Spacing @150mm c/c	1	111		1.50	0.40	65.78
	0.40kg/mtr						
	Length=15.00m						
	Main bar 16mm dia bar	1	6		15.00	1.58	142.20
	1.58kg/mtr						
	Main bar 12mm dia bar	1	4		15.00	0.89	53.40
	0.89 kg/mtr						
	Stirrups						
	Main bar 8mm dia bar Spacing @150mm c/c	1	101		1.50	0.40	59.85
	0.40kg/mtr						
	Length=3.30m						
	Main bar 16mm dia bar	5	6		3.30	1.58	156.42
	1.58kg/mtr						
	Main bar 12mm dia bar	5	4		3.30	0.89	58.74
	0.89 kg/mtr						
	Stirrups						
	Main bar 8mm dia bar Spacing @150mm c/c	5	23		1.50	0.40	68.15
	0.40kg/mtr						
	Length=2.30m						
	Main bar 16mm dia bar	1	6		2.30	1.58	21.80
	1.58kg/mtr						
	Main bar 12mm dia bar	1	4		2.30	0.89	8.19
	0.89 kg/mtr						
	Stirrups						
	Main bar 8mm dia bar Spacing @150mm c/c	1	17		1.50	0.40	10.07
	0.40kg/mtr						
	Length=1.85m						
	Main bar 16mm dia bar	1	6		1.86	1.58	17.59
	1.58kg/mtr						

C.E.P.

AEE

Item No	Discription of Item	No			Length	Weight in Kg/Mtr	Qty in Kg	Unit
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	4		1.85	0.89	6.59	
	Stirrups							
	Main bar 8mm dia bar Spacing @150mm c/c							
	0.40kg/mtr	1	14		1.50	0.40	8.30	
	Lintel Beam							
	Length=16.40m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		16.40	0.89	29.19	
	Main bar 10mm dia bar							
	0.62 kg/mtr	1	2		16.40	0.62	20.25	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	133		0.60	0.40	31.53	
	Length=3.90m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		3.90	0.89	6.94	
	Main bar 10mm dia bar							
	0.62 kg/mtr	1	2		3.90	0.62	4.81	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	33		0.60	0.40	7.82	
	Length=2.90m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		2.90	0.89	5.16	
	Main bar 10mm dia bar							
	0.62 kg/mtr	1	2		2.90	0.62	3.58	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	25		0.60	0.40	5.93	
	Length=3.00m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		3.00	0.89	5.34	
	Main bar 10mm dia bar							
	0.62 kg/mtr	1	2		3.00	0.62	3.70	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	25		0.60	0.40	5.93	
	Roof Beam							
	Length=16.40m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		16.40	1.58	155.47	

AEE

Item No	Discription of Item	No			Length	Weight in Kg/Mtr	Qty in Kg	Unit
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		16.40	0.89	29.19	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	133		1.20	0.40	63.05	
	Length=13.00m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		13.00	1.58	123.24	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		13.00	0.89	23.14	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	105		1.20	0.40	49.78	
	Length=13.00m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		13.00	1.58	123.24	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		13.00	0.89	23.14	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	105		1.20	0.40	49.78	
	Length=4.05m							
	Main bar 16mm dia bar							
	1.58kg/mtr	2	6		4.05	1.58	76.79	
	Main bar 12mm dia bar							
	0.89 kg/mtr	2	2		4.05	0.89	14.42	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	2	34		1.20	0.40	32.24	
	Length=4.95m							
	Main bar 16mm dia bar							
	1.58kg/mtr	3	6		4.95	1.58	140.78	
	Main bar 12mm dia bar							
	0.89 kg/mtr	3	2		4.95	0.89	26.43	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	3	41		1.20	0.40	58.31	
	Length=2.90m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		2.90	1.58	27.49	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		2.90	0.89	5.16	

Item No	Discription of Item	No			Length	Weight in Kg/Mtr	Qty in Kg	Unit
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	25		1.20	0.40	11.85	
	Length=3.00m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		3.00	1.58	28.44	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		3.00	0.89	5.34	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	25		1.20	0.40	11.85	
	For First Floor							
	Lintel Beam							
	Length=16.40m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		16.40	0.89	29.19	
	Main bar 10mm dia bar							
	0.62 kg/mtr	1	2		16.40	0.62	20.25	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	133		0.60	0.40	31.53	
	Length=13.00m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		13.00	0.89	23.14	
	Main bar 10mm dia bar							
	0.62 kg/mtr	1	2		13.00	0.62	16.05	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	105		0.60	0.40	24.89	
	Length=3.80m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	4	2		3.80	0.89	27.06	
	Main bar 10mm dia bar							
	0.62 kg/mtr	4	2		3.80	0.62	18.77	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	32		0.60	0.40	7.59	
	Length=3.00m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		3.00	0.89	5.34	
	Main bar 10mm dia bar							
	0.62 kg/mtr	1	2		3.00	0.62	3.70	

AEE

AEE

Item No	Discription of Item	No			Length	Weight in Kg/Mtr	Qty in Kg	Unit
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	25		0.60	0.40	5.93	
	Length=2.00m							
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		2.00	0.89	3.56	
	Main bar 10mm dia bar							
	0.62 kg/mtr	1	2		2.00	0.62	2.47	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	17		0.60	0.40	4.03	
	Roof Beam							
	Length=16.40m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		16.40	1.58	155.47	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		16.40	0.89	29.19	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	133		1.20	0.40	63.05	
	Length=15.00m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		15.00	1.58	142.20	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		15.00	0.89	26.70	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	121		1.20	0.40	57.36	
	Length=4.95m							
	Main bar 16mm dia bar							
	1.58kg/mtr	5	6		4.95	1.58	234.63	
	Main bar 12mm dia bar							
	0.89 kg/mtr	5	2		4.95	0.89	44.06	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	5	41		1.20	0.40	97.19	
	Length=3.00m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		3.00	1.58	28.44	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		3.00	0.89	5.34	
	Stirrups							

C.E.

AEE

Item No	Discription of Item	No			Length	Weight in Kg/Mtr	Qty in Kg	Unit
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	25		1.20	0.40	11.85	
	Length=2.00m							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		2.00	1.58	18.96	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		2.00	0.89	3.56	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	17		1.20	0.40	8.06	
	Length=3.10mtr							
	Main bar 16mm dia bar							
	1.58kg/mtr	1	6		3.10	1.58	29.39	
	Main bar 12mm dia bar							
	0.89 kg/mtr	1	2		3.10	0.89	5.52	
	Stirrups							
	Main bar 8mm dia bar Spacing @125mm c/c							
	0.40kg/mtr	1	26		1.20	0.40	12.33	
	Roof Slab							
	For Ground Floor							
	Area- (13.00x5.10 Mtr)							
	Main bar 12mm dia bar @Spacing 125mm c/c							
	0.89kg/mtr	1	105		5.10	0.89	476.00	
	Distribution 10mm dia bar @Spacing 125mm c/c							
	0.62kg/mtr	1	42		13.00	0.62	337.04	
	Area- (3.40x1.40 Mtr)							
	Main bar 12mm dia bar @Spacing 125mm c/c							
	0.89kg/mtr	1	29		1.40	0.89	36.09	
	Distribution 10mm dia bar @Spacing 125mm c/c							
	0.62kg/mtr	1	13		3.40	0.62	27.28	
	For First Floor							
	Area- (13.00x5.10 Mtr)							
	Main bar 12mm dia bar @Spacing 125mm c/c							
	0.89kg/mtr	1	105		5.10	0.89	476.00	
	Distribution 10mm dia bar @Spacing 125mm c/c							
	0.62kg/mtr	1	42		13.00	0.62	337.04	
	Area- (3.40x1.40 Mtr)							
	Main bar 12mm dia bar @Spacing 125mm c/c							
	0.89kg/mtr	1	29		1.40	0.89	36.09	
	Distribution 10mm dia bar @Spacing 125mm c/c							
	0.62kg/mtr	1	13		3.40	0.62	27.28	
	For Stair case							
	GF to FF							

AEE

Item No	Discription of Item	No			Length	Weight in Kg/Mtr	Qty in Kg	Unit
	1st Flight							
	For Landing							
	Below GL							
	Main bar 12mm dia @ 125mm C/c							
		2	9	0.90		0.89	14.42	
	Distribution 10mm dia @ 125mm C/c							
		2	9	1.00		0.61	10.98	
	Above GL							
	Main bar 12mm dia @ 125mm C/c							
		2	9	0.90		0.89	14.42	
	Distribution 10mm dia @ 125mm C/c							
		2	9	1.00		0.61	10.98	
	For Waist Slab							
	Main bar 12mm dia @ 125mm C/c							
			26	0.90		0.89	20.83	
			26	0.90		0.89	20.83	
	Distribution 10mm dia @ 125mm C/c		9	3.10		0.61	17.02	
			9	3.10		0.61	17.02	
	Steps-9No's							
	Main bar 12mm dia @ 125mm C/c	9	9	0.45		0.89	32.44	
	Distribution 10mm dia @ 125mm C	9	5	0.90		0.61	24.71	
	Landing							
	Main bar 12mm dia @ 125mm C/c	2	17	1.20		0.89	36.31	
	Distribution 10mm dia @ 125mm C	2	11	2.00		0.61	26.84	
	2nd Flight							
	For Waist Slab							
	Main bar 12mm dia @ 125mm C/c							
			11	0.90		0.89	8.81	
			11	0.90		0.89	8.81	
	Distribution 10mm dia @ 125mm C/c		9	1.20		0.61	6.59	
			9	1.20		0.61	6.59	
	Steps-4 No's							
	Main bar 12mm dia @ 125mm C/c	4	9	0.45		0.89	14.42	
	Distribution 10mm dia @ 125mm C	4	5	0.90		0.61	10.98	
	Landing							
	Main bar 12mm dia @ 125mm C/c	2	16	0.90		0.89	25.63	
	Distribution 10mm dia @ 125mm C	2	9	1.80		0.61	19.76	
	Main bar 12mm dia @ 125mm C/c	2	25	1.05		0.89	46.73	
	Distribution 10mm dia @ 125mm C	2	10	2.90		0.61	35.38	
	FF to SF							
	1st Flight							
	For Landing							
	Main bar 12mm dia @ 125mm C/c							
		2	17	0.90		0.89	27.23	
	Distribution 10mm dia @ 125mm C/c							
		2	9	1.90		0.61	20.86	
	For Waist Slab							
	Main bar 12mm dia @ 125mm C/c							

C.B.I

AEE

Item No	Discription of Item	No			Length	Weight in Kg/Mtr	Qty in Kg	Unit
			29	0.90		0.89	23.23	
			29	0.90		0.89	23.23	
	Distribution 10mm dia @ 125mm C/c		9	3.50		0.61	19.22	
			9	3.50		0.61	19.22	
	Steps- 10 No's							
	Main bar 12mm dia @ 125mm C/c	10	9	0.45		0.89	36.05	
	Distribution 10mm dia @ 125mm C	10	5	0.90		0.61	27.45	
	Landing							
	Main bar 12mm dia @ 125mm C/c	2	17	1.20		0.89	36.31	
	Distribution 10mm dia @ 125mm C	2	11	2.00		0.61	26.84	
	2nd Flight							
	For Waist Slab							
	Main bar 12mm dia @ 125mm C/c							
			26	0.90		0.89	20.83	
			26	0.90		0.89	20.83	
	Distribution 10mm dia @ 125mm C/c		9	3.10		0.61	17.02	
			9	3.10		0.61	17.02	
	Steps-9 No's							
	Main bar 12mm dia @ 125mm C/c	9	9	0.45		0.89	32.44	
	Distribution 10mm dia @ 125mm C	9	5	0.90		0.61	24.71	
	Landing							
	Main bar 12mm dia @ 125mm C/c	2	17	0.90		0.89	27.23	
	Distribution 10mm dia @ 125mm C	2	9	2.00		0.61	21.96	
	Main bar 12mm dia @ 125mm C/c	2	6	0.90		0.89	9.61	
	Distribution 10mm dia @ 125mm C	2	9	0.60		0.61	6.59	
	For Sump							
	For Bottom Raft							
	Main bar 12mm dia @ 125mm C/c							
		2	25	2.70		0.89	120.15	
	Distribution 10mm dia @ 125mm C/c							
		2	23	2.90		0.61	81.37	
	For Wall							
	Length=2.90Mtr							
	Main bar 12mm dia @ 125mm C/c							
		2x2	25	2.50		0.89	222.50	
	Distribution 10mm dia @ 125mm C/c							
		2x2	21	2.90		0.61	148.60	
	Length=2.70Mtr							
	Main bar 12mm dia @ 125mm C/c							
		2x2	23	2.50		0.89	204.70	
	Distribution 10mm dia @ 125mm C/c							
		2x2	21	2.70		0.61	138.35	
	For Deck Slab							
	Main bar 12mm dia @ 150mm C/c							
			21	2.70		0.89	50.46	
	Distribution 10mm dia @ 150mm C/c							
			19	2.90		0.61	33.61	
	For Inside Chejja's							

Item No	Discription of Item	No		Length	Weight in Kg/Mtr	Qty in Kg	Unit
	At First Floor						
	Length=4.60 Mtr						
	Main bar 10mm dia @ 125mm C/c	32	0.40		0.62	7.90	
	Distribution 8mm dia @ 125mm C/c	5	4.60		0.40	9.09	
	Length=5.50 Mtr						
	Main bar 10mm dia @ 125mm C/c	38	0.40		0.62	9.38	
	Distribution 8mm dia @ 125mm C/c	5	5.50		0.40	10.86	
	Length=2.70 Mtr						
	Main bar 10mm dia @ 125mm C/c	19	1.20		0.62	14.07	
	Distribution 8mm dia @ 125mm C/c	11	2.70		0.40	11.73	
	Length=1.40 Mtr						
	Main bar 10mm dia @ 125mm C/c	11	1.05		0.62	7.13	
	Distribution 8mm dia @ 125mm C/c	10	1.40		0.40	5.53	
	Length=1.40 Mtr						
	Main bar 10mm dia @ 125mm C/c	11	1.70		0.62	11.54	
	Distribution 8mm dia @ 125mm C/c	15	1.40		0.40	8.30	
					Present Qty	**8977.21**	**Kg**
					Present Qty	**8.98**	**Tonne**
					Qty upto 125%	**7.84**	**Tonne**
					Qty Above 125%	**1.14**	**Tonne**

Signature of the Contractor

Assistant Engineer
Ward No.13
14/12/21 to 05/01/22

Assistant Executive Engineer 14/12/2021
Shettyhalli Sub Division
To 05/01/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

	Pre Measurements						
	Pre Measurement Date Recorded On:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Depth**	**Qty**	**Unit**
9	Providing and removing centering shuttering strutting propping etc., and removal of form work for columns, pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification (Page No. 16 / Item No. 4.32, PWD SR 2018-19)						
	New Building In Front Of Anjaneya Temple						
	Below GL						
	Column footing	9	6.40		0.60	34.56	
	For Column	9	1.20		1.05	11.34	
	Above GL						
	Ground Floor						
	For Column	9	1.20		2.80	30.24	
	First Floor						
	For Column	9	1.20		3.70	39.96	
					Present Qty	**116.10**	**Sqm**
					Qty upto 125%	**85.93**	**Sqm**
					Qty Above 125%	**30.18**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13 9/12/21 to 12/12/21

Assistant Executive Engineer 9/12/2021 To 12/12/2021
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

	Pre Measurements						
	Pre Measurement Date Recorded On:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Avg Depth**	**Qty**	**Unit**
10	Providing and removing centering shuttering strutting propping etc., and removal of form work for sides and soffits of beams beam houchings cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification (Page No. 17 / Item No. 4.34, PWD SR 2018-19)						
	New Building In Front Of Anjaneya Temple						
	Ground Floor						
	Plinth Beam						
	Long Wall						
		2	16.40		0.30	9.84	
		2	15.00		0.30	9.00	
	Short Wall						
		10	3.30		0.30	9.90	
		2	2.30		0.30	1.38	
		2	1.85		0.30	1.11	
	Deduction Column	-18	0.45		0.30	-2.43	
	Lintel Beam						
	Long Wall						
		2	16.40		0.15	4.92	
	Short Wall						
		2	3.90		0.15	1.17	
		2	2.90		0.15	0.87	
		2	3.00		0.15	0.90	
	Deduction Column	-18	0.45		0.15	-1.22	
	Roof Beam						
	Long Wall						
		2	16.40		0.30	9.84	
		2	13.00		0.30	7.80	
	Short Wall						
		2	4.05		0.30	2.43	
		2	4.05		0.15	1.22	
		6	4.95		0.15	4.46	
		2	2.90		0.30	1.74	
		2	3.00		0.30	1.80	
	Deduction Column	-18	0.45		0.30	-2.43	
	First Floor						
	Lintel Beam						
	Long Wall						
		2	16.40		0.15	4.92	
		2	13.00		0.15	3.90	
	Short Wall						
		8	3.80		0.15	4.56	

Item No	Discription of Item	No	Length	Breadth	Avg Depth	Qty	Unit
		2	3.00		0.15	0.90	
		2	1.40		0.15	0.42	
		2	0.60		0.15	0.18	
	Deduction Column	-18	0.45		0.15	-1.22	
	Roof Beam						
	Long Wall						
		2	16.40		0.30	9.84	
		2	15.00		0.30	9.00	
	Short Wall						
		10	4.95		0.30	14.85	
		2	3.00		0.30	1.80	
		2	2.00		0.30	1.20	
		2	3.10		0.30	1.86	
	Deduction Column	-18	0.45		0.30	-2.43	
	For Sump						
	For RCC Wall	4	2.90		2.50	29.00	
		4	2.10		2.50	21.00	
	Deck Slab	1	2.90	2.70		7.83	
	For Retaining Wall						
	South Side						
	Below GL						
	For Footing	2	0.45		0.75	0.68	
		2	0.90		0.75	1.35	
	Above GL						
		2	0.45		1.30	1.17	
		2	0.90		1.50	2.70	
		2	6.00		0.35	4.20	
		2	0.45		0.20	0.18	
					Present Qty	**180.19**	**Sqm**

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Signature of the Contractor

Assistant Engineer
Ward No.13 20/12/21 to 04/01/22

Assistant Executive Engineer 20/12/2021 To 04/01/2022
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

	Pre Measurements						
	Pre Measurement Date Recorded On:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Depth**	**Qty**	**Unit**
11	Providing and removing centering shuttering strutting propping etc., for chejjas, corbels etc., including edges including cost of all materials, labour complete as per specifications -						
	Chejja For Inside Room						
	First Floor	1	4.60	0.40		1.84	
		1	5.50	0.40		2.20	
		1	2.70	1.20		3.24	
		1	1.40	1.05		1.47	
		1	1.40	1.70		2.38	
	Side						
		1	4.60		0.10	0.46	
		1	5.50		0.10	0.55	
		1	2.70		0.10	0.27	
		1	1.40		0.10	0.14	
		1	1.40		0.10	0.14	
					Present Qty	**12.69**	**Sqm**
					Qty upto 125%	**3.15**	**Sqm**
					Qty Above 125%	**9.54**	**Sqm**

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Signature of the Contractor

Assistant Engineer
Ward No.13 04/01/22

Assistant Executive Engineer 04/01/2022
Shettyhalli Sub Division

Period of Work — Mallasandra

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Pre Measurements						
	Pre Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs,landing, balconies and likes thickness upto 200mm including cost of materials, labour complete as per specification						
	Roof Slab						
	GF						
		1	13.00	5.10		66.30	
		1	3.40	1.40		4.76	
	Sides	1	42.40		0.15	6.36	
	FF						
		1	13.00	5.10		66.30	
		1	3.40	1.40		4.76	
	Sides	1	42.40		0.15	6.36	
					Present Qty	154.84	Sqm
					Qty upto 125%	143.50	Sqm
					Qty Above 125%	11.34	Sqm

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Signature of the Contractor

Assistant Engineer
Ward No.13
20/12/21 to 04/01/22

Assistant Executive Engineer
Shettyhalli Sub Division
20/12/2021 TP 04/01/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Sl No	Description of work	Unit	Modified	Rates Quot...

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Pre Measurements						
	Pre Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 (Page No-16 Item no - 4.38 of KPWD SR 2018-19)						
	For Stair Case						
	GF to FF						
	Landing						
	(BeLow GL)	1	3.80		0.60	2.28	
	(Above GL)	1	3.80		0.60	2.28	
	First Flight						
	Steps	9	0.90		0.15	1.22	
	Landing	1	2.00	1.20		2.40	
	Second Flight						
	Steps	4	0.90		0.15	0.54	
	Landing	1	1.80	0.90		1.62	
	Waist Slab						
		1	3.10	0.90		2.79	
		1	1.20	0.90		1.08	
	Sides	2	3.10		0.15	0.93	
		2	1.20		0.15	0.36	
	First Floor to Top Floor						
	Landing	1	1.90	0.90		1.71	
	First Flight						
	Steps	10	0.90		0.15	1.35	
	Landing	1	2.00	1.20		2.40	
	Second Flight						
	Steps	9	0.90		0.15	1.22	
	Landing	1	0.60	0.90		0.54	
		1	2.00	0.90		1.80	
	Waist Slab						
		1	3.50	0.90		3.15	
		1	3.10	0.90		2.79	
	Sides	2	3.50		0.15	1.05	
		2	3.10		0.15	0.93	
					Present Qty	**32.43**	**Sqm**
					Qty upto 125%	**10.10**	**Sqm**
					Qty Above 125%	**22.33**	**Sqm**

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Signature of the Contractor

Assistant Engineer
Ward No.13
20/12/21
to
04/01/22

Assistant Executive Engineer
Shettyhalli Sub Division
20/12/2021
To
04/01/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of ail materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications. KBS No.54 (Page No. 27 / Item No. 5.26.2, PWD SR 2018-19) (400x150x200mm)						
	New Building In Front Of Anjaneya Temple						
	Ground Floor						
	Solid Block						
	Long Wall						
		1	16.40		2.80	45.92	
	Short Wall						
		1	4.05		2.80	11.34	
		1	3.80		2.80	10.64	
		1	2.90		2.80	8.12	
		1	1.40		2.80	3.92	
		1	0.60		2.80	1.68	
	Toilet Room	2	1.20		2.80	6.72	
	Deduction						
	Column	-7	0.45		2.80	-8.82	
	Lintel Beam	-1	26.20		0.15	-3.93	
	Roof Beam	-1	26.20		0.15	-3.93	
	D	-1	1.05		2.10	-2.21	
	D2	-1	0.90		2.10	-1.89	
	Ventilater	-1	0.50		0.60	-0.30	
	First Floor						
	Long Wall						
		1	16.40		3.00	49.20	
		1	12.90		3.00	38.70	
	Short Wall						
		1	4.05		3.00	12.15	
		3	3.80		3.00	34.20	
		1	3.40		3.00	10.20	
		1	0.40		2.10	0.84	
		1	3.00		3.00	9.00	
		2	1.40		3.00	8.40	
		1	0.60		3.00	1.80	
	Parapet Wall	1	42.00		0.70	29.40	
	Deduction						
	Column	-9	0.45		3.00	-12.15	
	Lintel Beam	-1	49.60		0.15	-7.44	
	Roof Beam	-1	52.70		0.15	-7.91	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	M.D	-2	1.05		2.10	-4.41	
	D1	-1	0.90		2.10	-1.89	
		-1	0.75		2.10	-1.58	
	Windows	-3	1.20		1.20	-4.32	
		-1	1.10		1.20	-1.32	
		-1	0.80		0.90	-0.72	
	Open Area	-2	3.20		0.45	-2.88	
					Present Qty	**216.55**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Depth**	**Qty**	**Unit**
15	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications (P.No. 116, I.No. 15.15 of PWD SR 2018-19)						
	New Building In Front Of Anjaneya Temple						
	Inside Plastering						
	Ground Floor						
	Long Wall						
		1	16.10		2.80	45.08	
	Short Wall						
		1	4.05		2.80	11.34	
		2	3.80		2.80	21.28	
		1	2.90		2.80	8.12	
		1	1.40		2.80	3.92	
		1	0.90		2.80	2.52	
		1	1.25		2.80	3.50	
	Toilet Room	2	1.20		2.10	5.04	
	Column	2	1.20		2.80	6.72	
	Deduction						
	D1	-1	0.90		2.10	-1.89	
	D2	-1	0.90		2.10	-1.89	
	Ventilater	-1	0.45		0.45	-0.10	
	First Floor						
	Long Wall						
		1	16.10		3.00	48.30	
	Short Wall						
		2	4.05		3.00	24.30	
		5	3.80		3.00	57.00	
		2	3.40		3.00	20.40	
		2	0.40		2.10	1.68	
		1	2.90		3.00	8.70	
		3	1.40		3.00	12.60	
		1	0.90		3.00	2.70	
	Parapet Wall (Sides)	2	42.00		0.70	58.80	
	Top	1	42.00	0.15		6.30	
	Deduction						
	M.D	-2	1.05		2.10	-4.41	
	D1	-1	0.90		2.10	-1.89	
		-1	0.75		2.10	-1.58	
	Windows	-3	1.20		1.20	-2.16	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		-1	1.10		1.20	-0.66	
		-1	0.80		0.90	-0.36	
	Open Area	-2	3.20		0.45	-1.44	
					Present Qty	331.93	Sqm
					Qty upto 125%	292.69	Sqm
					Qty Above 125%	39.24	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/4/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (Page No116, Item No.15.18 PWD SR 2018-19)						
	New Building In Front Of Anjaneya Temple						
	out side Plastering						
	Ground Floor						
	Long Wall						
		1	16.40		2.80	45.92	
	Short Wall						
		1	4.20		2.80	11.76	
		1	3.30		2.80	9.24	
		1	1.40		2.80	3.92	
		1	0.90		2.80	2.52	
		1	1.25		2.80	3.50	
	Deduction						
	Ventilater	-1	0.45		0.45	-0.10	
	First Floor						
	Long Wall						
		1	16.40		3.00	49.20	
		1	13.00		3.00	39.00	
	Short Wall						
		1	4.20		3.00	12.60	
		1	3.30		3.00	9.90	
		1	1.40		3.00	4.20	
		1	0.90		2.10	1.89	
	Deduction						
	M.D	-2	1.05		2.10	-4.41	
	Windows	-3	1.20		1.20	-2.16	
		-1	1.10		1.20	-0.66	
		-1	0.80		0.90	-0.36	
	Open Area	-2	3.20		0.45	-1.44	
					Present Qty	**184.52**	**Sqm**

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Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
17	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification . (Page No. 116, Item No. 15.21 of PWD SR 2018-19)						
	New Building In Front Of Anjaneya Temple						
	Roof Slab						
	GF						
	Hall	1	12.10	5.10		61.71	
	Room	1	2.90	2.40		6.96	
		1	0.90	0.90		0.81	
	FF						
	Room1	1	4.60	3.80		17.48	
	Room2						
	Hall	1	4.30	3.80		16.34	
	Bed Room	1	3.40	2.50		8.50	
	Toilet Room	1	3.40	1.20		4.08	
	Pooja Room	1	1.40	1.05		1.47	
	Kitchen Area	1	1.40	1.70		2.38	
	Corridar Area	1	14.70	0.90		13.23	
	For Beam Sides	5*2	0.90		0.30	2.70	
	For Stair Case						
	GF						
	Landing	1	2.00	1.20		2.40	
	Waist Slab						
		1	3.10	0.90		2.79	
		1	1.20	0.90		1.08	
	FF						
	Landing	1	0.60	0.90		0.54	
		1	2.00	0.90		1.80	
	Waist Slab						
		1	3.50	0.90		3.15	
		1	3.10	0.90		2.79	
					Present Qty	**150.21**	**Sqm**
					Qty upto 125%	**143.50**	**Sqm**
					Qty Above 125%	**6.71**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

...HANAGARA PALIKE
...ecutive Engineer, Dasarahalli Division
MODIFIED SCHEDULE B

Name of work:Comprehensive development works in ward no.13, Mallasandra

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.						
	Qty Same As Per Vide Item No.15					331.93	
	Qty Same As Per Vide Item No.17					150.21	
					Present Qty	482.14	Sqm
					Qty upto 125%	436.19	Sqm
					Qty Above 125%	45.95	Sqm

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Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
19	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.						
	Qty Same As Per Vide Item No.18					482.14	
					Present Qty	482.14	Sqm
					Qty upto 125%	292.69	Sqm
					Qty Above 125%	189.45	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/4/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications (Page No. 120 / Item No. 15.53.2, SR 2018-19.)						
	Qty Same As Per Vide Item No.16					184.52	
					Present Qty	184.52	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Office of the Executive Engineer, Bas...

MODIFIED SCHEDULE B

Name of work:Comprehensive development works in ward no.13, Mallasandra

Name of work:Comprehensive development works in ward no.13, Mallasandra								
	Detailed Measurements							
	Detailed Measurement Date Recorded On:							
Item No	Discription of Item	No's	No	Length	Breadth	Depth	Qty	Unit
21	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications (P. No. 53/ I. No. 9.11 of PWD SR 2018-19)							
	For Doors						0.06	
	M.D	3	2	1.05	0.125	0.07	0.10	
		3	2	1.95	0.125	0.07	0.02	
	D	1	2	0.90	0.125	0.07	0.03	
		1	2	1.95	0.125	0.07		
						Present Qty	0.20	Cum

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Depth**	**Qty**	**Unit**
22	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour,HOM of machineries completed as per specification (excluding cost of fixtures)						
	For Doors						
	M.D	3	0.90		1.95	5.27	
	D	1	0.75		1.95	1.46	
					Present Qty	6.73	Sqm
					Qty upto 125%	4.73	Sqm
					Qty Above 125%	2.01	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
23	Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications						
	MS Grill For Windows						
	First Floor						
	Room-1						
		2	1.20		1.20	2.88	
		1	1.10		1.20	1.32	
	Room-2						
		1	1.20		1.20	1.44	
		1	0.80		0.90	0.72	
	Front Side (For Elivation)						
	GF& FF	2	3.20		0.45	2.88	
	At Ground Floor Staircase Side	1	1.20		0.55	0.66	
		1	1.80		1.00	1.80	
		1	1.20		1.05	1.26	
	MS Flat at Top Floor	2	1.70	0.10		0.34	
		2	0.75	0.10		0.15	
						13.45	**Sqm**
	Consider MS Grill 21kg/Sqm					**282.45**	**Kg**
	Present Qty					**282.45**	**kg**
	Qty upto 125%					**151.20**	**kg**
	Qty Above 125%					**131.25**	**kg**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
24	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (Page No.123/ Item No.15.73, PWD SR 2018-19)						
	MS Grill For Windows						
	First Floor						
	Room-1						
		2	1.20		1.20	2.88	
		1	1.10		1.20	1.32	
	Room-2						
		1	1.20		1.20	1.44	
		1	0.80		0.90	0.72	
	Front Side (For Elivation)						
	GF& FF	2	3.20		0.45	2.88	
	At Ground Floor Staircase Side	1	1.20		0.55	0.66	
		1	1.80		1.00	1.80	
		1	1.20		1.05	1.26	
	MS Flat at Top Floor	2	1.70	0.10		0.34	
		2	0.75	0.10		0.15	
					Present Qty	**13.45**	**Sqm**
					Qty upto 125%	**7.20**	**Sqm**
					Qty Above 125%	**6.25**	**Sqm**

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Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

MODIFIED SCHEDULE B

Name of work:Comprehensive development works in ward no.13, Mallasandra			
Sl No	Description of work		

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
25	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No.123/ Item No.15.74, PWD SR 2018-19)						
		Qty Same As Per Vide Item No.24				13.45	Sqm
					Present Qty	13.45	Sqm
					Qty upto 125%	7.20	Sqm
					Qty Above 125%	6.25	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/4/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
26	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm (P.No.110, I.No.14.47.2 of PWD SR 2018-19)						
	Ground Floor						
	Hall						
		1	12.10	3.25		39.33	
		1	2.45	1.40		3.43	
		1	1.10	0.50		0.55	
		1	0.60	0.50		0.30	
	For SSM Step at Inside Hall						
	Top	1	10.00	0.50		5.00	
		1	10.00		0.55	5.50	
	Sides	2	0.50		0.55	0.55	
	Wall Cladding						
		1	10.00		0.90	9.00	
		1	1.10		1.50	1.65	
		1	0.60		1.50	0.90	
		1	3.20		1.50	4.80	
	Room						
		1	2.90	2.40		6.96	
		1	0.90	0.90		0.81	
	Deduction Sump Chamber	-1	0.60	0.60		-0.36	
	Skerting	1	13.30		0.10	1.33	
	For Column	1	1.80		2.30	4.14	
		1	1.70		2.30	3.91	
	SSM Steps Infront of Temple						
	1st Step						
	Rise	1	10.30		0.15	1.55	
	Thread	1	10.30	0.30		3.09	
	2nd Step						
	Rise	1	10.30		0.15	1.55	
	Thread	1	10.30	0.30		3.09	
	3rd Step						
	Rise	1	10.30		0.15	1.55	
	Thread	1	10.30	0.30		3.09	
	4th Step						
	Rise	1	10.30		0.15	1.55	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Thread	1	10.30	0.30		3.09	
	Sides at Staircase						
		1	2.00		0.50	1.00	
		1	2.00	1.00		2.00	
	For Water Point Area Attached to Room						
		1	3.30	0.30		0.99	
		2	3.30		0.15	0.99	
	First Floor						
	Room-1						
	Hall	1	4.60	3.80		17.48	
	Skerting	1	16.80		0.10	1.68	
	Room-2						
	Hall						
		1	4.30	3.80		16.34	
	Skerting	1	13.30		0.10	1.33	
	Bed Room						
		1	2.45	3.35		8.21	
	Skerting	1	10.70		0.10	1.07	
	Kitchen Area						
		1	1.70	1.40		2.38	
	Skerting	1	6.20		0.10	0.62	
	Wall Cladding	1	4.50		1.30	5.85	
	Pooja Room						
		1	1.30	1.05		1.37	
	Skerting	1	3.65		0.15	0.55	
	Wall Cladding	1	3.65		2.10	7.67	
	Corridar						
		1	14.70	0.75		11.03	
	Skerting	1	27.30		0.10	2.73	
	For Staircase						
	GF to FF						
	Steps-9 No's						
	Landing	1	0.90	0.90		0.81	
	Thread	9	0.85	0.30		2.30	
	Rise	10	0.85		0.15	1.28	
	Skerting	1	2.70		0.15	0.41	
	Landing	1	1.75	1.10		1.93	
	Skerting	1	3.95		0.15	0.59	
	Steps-4 No's						
	Thread	4	0.75	0.30		0.90	
	Rise	5	0.75		0.15	0.56	
	Skerting	1	1.20		0.15	0.18	
	FF to Top Floor						
	Steps-1 No's						
	Landing	1	1.80	0.75		1.35	

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Thread	1	0.90	0.30		0.27	
	Rise	1	0.90		0.15	0.14	
	Steps-9 No's						
	Thread	9	0.90	0.30		2.43	
	Rise	10	0.90		0.15	1.35	
	Skerting	1	2.70		0.15	0.41	
	Landing	1	1.75	0.85		1.49	
	Skerting	1	3.45		0.15	0.52	
	Steps-9No's						
	Thread	9	0.75	0.30		2.03	
	Rise	10	0.75		0.15	1.13	
	Skerting	1	2.70		0.15	0.41	
	Landing	1	0.75	0.65		0.49	
	Open Area For Elevation	2	3.20	0.30		1.92	
	Inside Temple						
	Alround Area	1	5.90		1.70	10.03	
		2	6.35		1.70	21.59	
		2	1.20		1.70	4.08	
	For Windows						
		4x2	1.15	0.15		1.38	
		4x2	0.85	0.15		1.02	
	Deductions						
	Windows	-4	1.20		0.90	-4.32	
	Main door	-1	1.30		1.30	-1.69	
					Present Qty	**244.55**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Depth**	**Qty**	**Unit**
27	Providing and fixing colour glazed tiles of size 300mmx600mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, etc., complete as per specification. (P.No. 112, I.No. 14.64 of SR 2018-19).						
	Ground Floor						
	For Toilet Room						
	Flooring	1	1.20	1.20		1.44	
	Wall Cladding	1	4.80		2.00	9.60	
	Deduction Ventilator	-1	0.50		0.60	-0.30	
	Door	-1	0.90		2.00	-1.80	
	First Floor						
	For Toilet Room						
	Flooring	1	1.20	2.35		2.82	
	Wall Cladding	1	7.10		2.10	14.91	
	Door	-1	0.75		2.10	-1.58	
					Present Qty	**25.10**	**Sqm**
					Qty upto 125%	**11.70**	**Sqm**
					Qty Above 125%	**13.40**	**Sqm**

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Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
28	Providing and fixing for flooring 40mm thick sadarhaili grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM1:6 and fixing granite slab with CM 1:3.(Item no 14.57, Page no 111, PWD SR 2018-19)						
	For Flooring to Temple Surroundings						
	From South-west Main Gate to South East Main Gate						
		1	4.60	3.30		15.18	
		1	10.00	3.00		30.00	
	Deduction Plant Area	-1	9.00	0.60		-5.40	
		1	12.30	2.80		34.44	
	Deduction Garuda Kamba	-1	1.70	1.20		-2.04	
		1	13.00	2.35		30.55	
		1	1.60	3.40		5.44	
		1	3.40	0.50		1.70	
	Chamber	-1	0.70	0.60		-0.42	
					Present Qty	**109.45**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
30	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 No.s of 150mm long brackets of 15 x 15mm M.S Square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 guage, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos. of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member. (, P.No. 62, I. No. 9.92 PWD SR 2018-19)						
	For Toilet Room						
	Ground Floor	1	6.00			6.00	
	First Floor	1	5.70			5.70	
					Present Qty	**11.70**	**Mtr**
					Qty upto 125%	**7.13**	**Mtr**
					Qty Above 125%	**4.58**	**Mtr**

Signature of the Contractor

Assistant Engineer
Ward No.13 12/04/22

Assistant Executive Engineer 18/4/22
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
31	"SOLID PANEL PRELAM PVC DOOR SHUTTER" Providing and fixing 30MM thick factory made rigid foam with both side Prelam Panelled Door Shutters made from M.S. tube of 19 x 19mm, 19 gauge for styles and 15 x 15mm for top & bottom rails, covered with heat moulded Prelaminated PVC 'C' Channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S Frams, Sealed to the styles & rails with PVC Designer						
	For Toilet Room						
	Ground Floor	1	0.90		2.10	1.89	
	First Floor	1	0.75		2.10	1.58	
					Present Qty	**3.47**	**Sqm**
					Qty upto 125%	**1.98**	**Sqm**
					Qty Above 125%	**1.50**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Description of work | Unit | Modified | Rates Quoted by Contractor

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
32	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios (P.No.121, I.No. 15.59 of SR 2018-19)						
	For Doors						
	M.D	3x2	6.00	0.125		4.50	
		3x3	6.00		0.070	2.52	
	D	1x2	5.70	0.125		4.28	
		1x2	5.70		0.070	2.39	
	For Doors						
	M.D	3	0.90		1.95	5.27	
	D	1	0.75		1.95	1.46	
					Present Qty	**20.42**	**Sqm**
					Qty upto 125%	**4.73**	**Sqm**
					Qty Above 125%	**15.70**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

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Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
33	Providing and applying painting two coats (excluding priming coat) on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (P.No. 121, I.No. 15.60.1 of SR 2018-19)						
		Qty Same As Per Vide Item No.33				20.42	
					Present Qty	20.42	Sqm
					Qty upto 125%	4.73	Sqm
					Qty Above 125%	15.70	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
34	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:5 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with preprietary water proofing compond wall finally finishing the surface with travel and neat cement slurry and making of 300 x 300 mm square e the whole terrace so finished shall be flooded with water for a minimum period of two weeks curing and final test including cost of materials labour complete as per specifications(Page No.68, Item No. 10.2 of PWD SR 2018-19)						
	For New Building	1	14.40	4.80		69.12	
	For Anjaneya Temple Roof	1	9.00	9.00		81.00	
					Present Qty	150.12	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Avg Depth	Qty	Unit
35	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P. No. 45 / I. No. 7.37 of PWD 2018-19)						
	For Anjaneya Temple						
	West Side	1	3.15		1.75	5.51	
	South West Side	1	3.15		1.75	5.51	
					Present Qty	11.03	Sqm
					Qty upto 125%	9.45	Sqm
					Qty Above 125%	1.58	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Sl No	Description of work	Unit	Modified	Rates Quoted by Contractor

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
36	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing. (Page No. 44, Item No.7.35, PWD SR 2018-19)						
	For New Building						
	First Floor						
	Corridar	4	3.00		0.85	10.20	
	For Stair Case						
	Ground Floor-First Floor	1	3.10		0.85	2.64	
		1	1.20		0.85	1.02	
	First Floor to Top Floor						
		1	3.50		0.85	2.98	
		1	3.10		0.85	2.64	
					Present Qty	**19.47**	**Sqm**
					Qty upto 125%	**10.50**	**Sqm**
					Qty Above 125%	**8.97**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer 18/04/2022
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed Measurements						
	Detailed Measurement Date Recorded On:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
37	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.no 79 I.No.12.5 PWD SR 2018-19)						
	For Toilet Room						
	GF	1				1.00	
	FF	1				1.00	
					Present Qty	2.00	Pan

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Sl No	Description of work	Unit	Modified Quantity	Rates Quoted by Contractor Sri R Shivaram

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
39	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.No.90, I.No. 12.113.1 of PWD SR 2018-19)						
	For Toilet Room					1.00	AEE
	GF	1				1.00	
	FF	1					
					Present Qty	**2.00**	**Each**

Signature of the Contractor

Assistant Engineer
Ward No.13
18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division
18/04/2022

Sl No	Description of work	Unit	Modified Quantity	Rates Quoted by Contractor Sri R Shivaram

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
40	Circular shape mirror of size 450 mm with plastic moulded frame (Page:XXV, SL No:636 PWD SR 2018-19)						
	For Toilet Room					2.00	AEE
		2					No's
					Present Qty	**2.00**	

Signature of the Contractor

Assistant Engineer 18/04/22
Ward No.13

Assistant Executive Engineer 18/04/2022
Shettyhalli Sub Division

Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
41	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3.								
	For RCC Culvert								
	Shanthi Layout								
	Culvert at 1st Cross Road (LHS)	1	6.00	1.60	1.60	1.60	1.00	9.60	
	Culvert at 1st Cross Road (RHS)	1	5.60	1.60	1.60	1.60	1.00	8.96	
	Culvert at 2nd Cross Road (RHS)	1	5.60	1.60	1.60	1.60	1.00	8.96	
	Culvert at 3rd Cross road (LHS)	1	5.50	1.60	1.60	1.60	1.00	8.80	
	Lake View Layout								
	Culvert at 1st Cross Road (RHS)	1	6.20	1.60	1.60	1.60	1.00	9.92	
	Culvert at 1st Cross Road (LHS)	1	6.00	1.60	1.60	1.60	1.00	9.60	
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
		1	2.40	4.00	4.10	4.05	0.25	2.43	
		1	30.00	4.10	3.90	4.00	0.25	30.00	
		1	30.00	3.90	4.00	3.95	0.25	29.63	
		1	30.00	7.00	7.10	7.05	0.25	52.88	
		1	20.00	7.10	7.40	7.25	0.25	36.25	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
		2	17.00	1.00	1.00	1.00	0.25	8.50	
		2	21.80	1.00	0.90	0.95	0.25	10.36	
		2	30.00	0.90	1.00	0.95	0.25	14.25	
		2	30.00	1.00	1.20	1.10	0.25	16.50	
		2	12.30	1.80	1.80	1.80	0.25	11.07	
		2	18.60	1.50	1.30	1.40	0.25	13.02	
		2	9.20	0.75	0.75	0.75	0.25	3.45	
	For CC Road								
	Mallasandra								
	Near Ashwath Katte								
	Cross Road From 4th Main Road to Dead End								
		1	9.20	5.50	5.20	5.35	0.15	7.38	
		1	18.30	6.00	4.40	5.20	0.15	14.27	
		1	18.40	3.60	4.50	4.05	0.15	11.18	
	Lake View Layout								
	2nd Main Road From SWD								
		1	10.00	4.60	4.50	4.55	0.15	6.83	
		1	22.00	5.20	5.20	5.20	0.15	17.16	
	Cross Road	1	7.20	6.20	6.20	6.20	0.15	6.70	
	Anjaneya Temple Road								
		1	4.00	15.00	12.00	13.50	0.15	8.10	
		1	8.30	12.00	10.00	11.00	0.15	13.70	
		1	3.00	11.10	9.40	10.25	0.15	4.61	
		1	9.70	8.15	6.60	7.38	0.15	10.73	
		1	15.00	5.40	4.20	4.80	0.15	10.80	
		1	6.40	4.20	4.00	4.10	0.15	3.94	
		1	9.40	4.60	5.00	4.80	0.15	6.77	
		1	3.70	3.50	3.40	3.45	0.15	1.91	

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sanitary lines and electrical conduits either in pits or in

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	6.20	5.70	4.80	5.25	0.15	4.88	
		1	15.50	4.00	3.40	3.70	0.15	8.60	
		1	7.60	3.50	4.00	3.75	0.15	4.28	
	Cross Road From Anjaneya Temple Road								
		1	6.30	7.10	7.30	7.20	0.15	6.80	
		1	4.60	11.20	11.60	11.40	0.15	7.87	
		1	4.00	0.70	2.00	1.35	0.10	0.54	
	Deductions								
	Anjaneya Temple Road								
	Coconut Trees Area	-2	1.00	1.00	1.00	1.00	0.15	-0.30	
	Man Hole's	-3	(3.142*0.9*0.9)/4				0.15	-0.29	
	Transform Area	-1	0.90	0.30	0.30	0.30	0.15	-0.04	
	Dwajastamba	-1	0.80	0.80	0.80	0.80	0.15	-0.10	
	Ramp	-1	1.50	0.70	0.70	0.70	0.15	-0.16	
	Steps	-4	0.20	0.45	0.45	0.45	0.15	-0.05	
		-4	0.30	0.40	0.40	0.40	0.15	-0.07	
	Cross Road From Anjaneya Temple Road								
	Steps	-1	1.50	0.60	0.60	0.60	0.15	-0.14	
							Present Qty	**440.07**	**Cum**

Signature of the Contractor

Assistant Engineer
Ward No.13 30/12/21

Assistant Executive Engineer 30/12/2021
Shettyhalli Sub Division

sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil not

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
42	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.								
	For RCC Culvert								
	Shanthi Layout								
	Culvert at 1st Cross Road (LHS)	1	6.00	1.60	1.60	1.60	0.15	1.44	
	Culvert at 1st Cross Road (RHS)	1	5.60	1.60	1.60	1.60	0.15	1.34	
	Culvert at 2nd Cross Road (RHS)	1	5.60	1.60	1.60	1.60	0.15	1.34	
	Culvert at 3rd Cross road (LHS)	1	5.50	1.60	1.60	1.60	0.15	1.32	
	Lake View Layout								
	Culvert at 1st Cross Road (RHS)	1	6.20	1.60	1.60	1.60	0.15	1.49	
	Culvert at 1st Cross Road (LHS)	1	6.00	1.60	1.60	1.60	0.15	1.44	
	For CC Road								
	Mallasandra								
	Near Ashwath Katte								
	Cross Road From 4th Main Road to Dead End								
		1	9.20	5.50	5.20	5.35	0.15	7.38	
		1	18.30	6.00	4.40	5.20	0.15	14.27	
		1	18.40	3.60	4.50	4.05	0.15	11.18	
	Lake View Layout								
	2nd Main Road From SWD								
		1	10.00	4.60	4.50	4.55	0.15	6.83	
		1	22.00	5.20	5.20	5.20	0.15	17.16	
		1	7.20	6.20	6.20	6.20	0.15	6.70	
	Cross Road								
	Anjaneya Temple Road								
		1	4.00	15.00	12.00	13.50	0.15	8.10	
		1	8.30	12.00	10.00	11.00	0.15	13.70	
		1	3.00	11.10	9.40	10.25	0.15	4.61	
		1	9.70	8.15	6.60	7.38	0.15	10.73	
		1	15.00	5.40	4.20	4.80	0.15	10.80	
		1	6.40	4.20	4.00	4.10	0.15	3.94	
		1	9.40	4.60	5.00	4.80	0.15	6.77	
		1	3.70	3.50	3.40	3.45	0.15	1.91	
		1	6.20	5.70	4.80	5.25	0.15	4.88	
		1	15.50	4.00	3.40	3.70	0.15	8.60	
		1	7.60	3.50	4.00	3.75	0.15	4.28	
	Cross Road From Anjaneya Temple Road								
		1	6.30	7.10	7.30	7.20	0.15	6.80	
		1	4.60	11.20	11.60	11.40	0.15	7.87	
		1	4.00	0.70	2.00	1.35	0.10	0.54	
	Deductions								
	Anjaneya Temple Road								
	Coconut Trees Area	-2	1.00	1.00	1.00	1.00	0.15	-0.30	
	Man Hole's	-3	(3.142*0.9*0.9)/4				0.15	-0.29	
	Transform Area	-1	0.90	0.30	0.30	0.30	0.15	-0.04	
	Dwajastamba	-1	0.80	0.80	0.80	0.80	0.15	-0.10	
	Ramp	-1	1.50	0.70	0.70	0.70	0.15	-0.16	
	Steps	-4	0.20	0.45	0.45	0.45	0.15	-0.05	

trenches 1.5m and above in width, in hard soil ... exceeding 1.5m in depth including dressing the bottom

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		-4	0.30	0.40	0.40	0.40	0.15	-0.07	
	Cross Road From Anjaneya Temple Road								
		-1	1.50	0.60	0.60	0.60	0.15	-0.14	
	Steps						Present Qty	164.28	Cum
							Qty Upto 125%	146.28	Cum
							Qty Above 125%	18.01	Cum

Signature of the Contractor

Assistant Engineer
Ward No.13 01/01/22 to 03/01/22

Assistant Executive Engineer
Shettyhalli Sub Division 01/01/2022 to 03/01/2022

AEE

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	Breadth	D1	D2	Avg Depth	Qty	Unit
43	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm								
	For Bottom Raft								
	For RCC Culvert								
	Shanthi Layout								
	Culvert at 1st Cross Road (LHS)	1	6.00	1.20	0.25	0.25	0.25	1.80	
	Culvert at 1st Cross Road (RHS)	1	5.60	1.20	0.25	0.25	0.25	1.68	
	Culvert at 2nd Cross Road (RHS)	1	5.60	1.20	0.25	0.25	0.25	1.68	
	Culvert at 3rd Cross road (LHS)	1	5.50	1.20	0.25	0.25	0.25	1.65	
	Lake View Layout								
	Culvert at 1st Cross Road (RHS)	1	6.20	1.20	0.25	0.25	0.25	1.86	
	Culvert at 1st Cross Road (LHS)	1	6.00	1.20	0.25	0.25	0.25	1.80	
	For RCC Side Walls								
	For RCC Culvert								
	Shanthi Layout								
	Culvert at 1st Cross Road (LHS)	2	6.00	0.30	0.60	0.60	0.60	2.16	
	Culvert at 1st Cross Road (RHS)	2	5.60	0.30	0.60	0.60	0.60	2.02	
	Culvert at 2nd Cross Road (RHS)	2	5.60	0.30	0.60	0.60	0.60	2.02	
	Culvert at 3rd Cross road (LHS)	2	5.50	0.30	0.60	0.60	0.60	1.98	
	Lake View Layout								
	Culvert at 1st Cross Road (RHS)	2	6.20	0.30	0.60	0.60	0.60	2.23	
	Culvert at 1st Cross Road (LHS)	2	6.00	0.30	0.60	0.60	0.60	2.16	
							Present Qty	**23.04**	**Cum**

Signature of the Contractor

Assistant Engineer
Ward No.13 03/01/22 to 05/01/22

Assistant Executive Engineer
Shettyhalli Sub Division
03/01/2022 To 05/01/2022

1	trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom		Cum	151.67	335.80	Rupees Three Hundred Thirty Five And P

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No of Bars	Cutting Length of Bar	Weight /m in Kgs	Qty	Unit
44	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3					
	For RCC Culvert					
	Shanti Layout					
	Culvert at 1st Cross Road (LHS)					
	Length=6.00m					
	Main bar 12mm dia bar @ 150mm c/c					
	0.89kg/mtr Top	41	2.40	0.89	87.58	
	Bottom	41	2.40	0.89	87.58	
	Distribution bar 10mm dia @ 150mm c/c					
	0.61kg/mtr Top	17	6.00	0.62	63.24	
	Bottom	17	6.00	0.62	63.24	
	Culvert at 1st Cross Road (RHS)					
	Length=5.60m					
	Main bar 12mm dia bar @ 150mm c/c					
	0.89kg/mtr Top	39	2.40	0.89	83.30	
	Bottom	39	2.40	0.89	83.30	
	Distribution bar 10mm dia @ 150mm c/c					
	0.61kg/mtr Top	17	5.60	0.62	59.02	
	Bottom	17	5.60	0.62	59.02	
	Culvert at 2nd Cross Road (RHS)					
	Length=5.60m					
	Main bar 12mm dia bar @ 150mm c/c					
	0.89kg/mtr Top	39	2.40	0.89	83.30	
	Bottom	39	2.40	0.89	83.30	
	Distribution bar 10mm dia @ 150mm c/c					
	0.62kg/mtr Top	17	5.60	0.62	59.02	
	Bottom	17	5.60	0.62	59.02	
	Culvert at 3rd Cross road (LHS)					
	Length=7.00m					
	Main bar 12mm dia bar @ 150mm c/c					
	0.89kg/mtr Top	38	2.40	0.89	81.17	
	Bottom	38	2.40	0.89	81.17	
	Distribution bar 10mm dia @ 150mm c/c					
	0.62kg/mtr Top	17	5.50	0.62	57.97	
	Bottom	17	5.50	0.62	57.97	
	Lake View Layout					
	Culvert at 1st Cross Road (RHS)					
	Length=6.20m					
	Main bar 12mm dia bar @ 150mm c/c					

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Na							
	1	Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil	Cum	151.67	335.80	Rupees Three Hundred Thirty Five And Paise	

Item No	Discription of Item		No of Bars	Cutting Length of Bar	Weight /m in Kgs	Qty	Unit
	0.89kg/mtr						
		Top	43	2.40	0.89	91.85	
		Bottom	43	2.40	0.89	91.85	
	Distribution bar 10mm dia @ 150mm c/c						
	0.61kg/mtr	Top	17	6.20	0.62	65.35	
		Bottom	17	6.20	0.62	65.35	
	Culvert at 1st Cross Road (LHS)						
	Length=6.00m						
	Main bar 12mm dia bar @ 150mm c/c						
	0.89kg/mtr						
		Top	41	2.40	0.89	87.58	
		Bottom	41	2.40	0.89	87.58	
	Distribution bar 10mm dia @ 150mm c/c						
	0.61kg/mtr	Top	17	6.00	0.62	63.24	
		Bottom	17	6.00	0.62	63.24	
					Present Qty	**1765.24**	**Kg**
					Present Qty	**1.77**	**Tonne**

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13 15/12/21 to 30/12/21

~~Assistant Executive Engineer~~
Shettyhalli Sub Division
15/12/2021 TO 30/12/2021

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed measurements

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
45	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)						
	Missing Slabs						
	Lake View Layout						
	2nd Main Road From Main Road to Dead End						
	LHS						
		2	0.60	0.90		1.08	
		2	0.60	0.90		1.08	
		2	0.60	0.90		1.08	
		2	0.60	0.90		1.08	
		15	0.60	0.90		8.10	
	RHS						
		2	0.60	0.90		1.08	
		5	0.60	0.90		2.70	
		2	0.60	0.90		1.08	
		2	0.60	0.90		1.08	
		7	0.60	0.90		3.78	
		3	0.60	0.90		1.62	
		2	0.60	0.90		1.08	
	Missing Slabs at Shanthi Layout						
		8	0.60	0.90		4.32	
		8	0.60	0.90		4.32	
		4	0.60	0.90		2.16	
		3	0.60	0.90		1.62	
					Present Qty	**37.26**	**Sqm**

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed measurements

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
46	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)						
	For RCC Culvert						
	Shanthi Layout					7.20	
	Culvert at 1st Cross Road (LHS)	1	6.00	1.20		6.72	
	Culvert at 1st Cross Road (RHS)	1	5.60	1.20		6.72	
	Culvert at 2nd Cross Road (RHS)	1	5.60	1.20		6.60	
	Culvert at 3rd Cross road (LHS)	1	5.50	1.20			
	Lake View Layout					7.44	
	Culvert at 1st Cross Road (RHS)	1	6.20	1.20		7.20	
	Culvert at 1st Cross Road (LHS)	1	6.00	1.20		**41.88**	**Sqm**
					Present Qty	**9.00**	**Sqm**
					Qty upto 125%	**32.88**	**Sqm**
					Qty Above 125%		

Contractor Representative

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
47	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.								
	For CC Road								
	Mallasandra								
	Near Ashwath Katte								
	Cross Road From 4th Main Road to Dead End								
		1	9.20	5.50	5.20	5.35	0.15	7.38	
		1	18.30	6.00	4.40	5.20	0.15	14.27	
		1	18.40	3.60	4.50	4.05	0.15	11.18	
	Lake View Layout								
	2nd Main Road From SWD								
		1	10.00	4.60	4.50	4.55	0.15	6.83	
		1	22.00	5.20	5.20	5.20	0.15	17.16	
	Cross Road	1	7.20	6.20	6.20	6.20	0.15	6.70	
	Anjaneya Temple Road								
		1	4.00	15.00	12.00	13.50	0.15	8.10	
		1	8.30	12.00	10.00	11.00	0.15	13.70	
		1	3.00	11.10	9.40	10.25	0.15	4.61	
		1	9.70	8.15	6.60	7.38	0.15	10.73	
		1	15.00	5.40	4.20	4.80	0.15	10.80	
		1	6.40	4.20	4.00	4.10	0.15	3.94	
		1	9.40	4.60	5.00	4.80	0.15	6.77	
		1	3.70	3.50	3.40	3.45	0.15	1.91	
		1	6.20	5.70	4.80	5.25	0.15	4.88	
		1	15.50	4.00	3.40	3.70	0.15	8.60	
		1	7.60	3.50	4.00	3.75	0.15	4.28	
	Cross Road From Anjaneya Temple Road								
		1	6.30	7.10	7.30	7.20	0.15	6.80	
		1	4.60	11.20	11.60	11.40	0.15	7.87	
		1	4.00	0.70	2.00	1.35	0.10	0.54	
	Deductions								
	Anjaneya Temple Road								
	Coconut Trees Area	-2	1.00	1.00	1.00	1.00	0.15	-0.30	
	Man Hole's	-3	(3.142*0.9*0.9)/4				0.15	-0.29	
	Transform Area	-1	0.90	0.30	0.30	0.30	0.15	-0.04	
	Dwajastamba	-1	0.80	0.80	0.80	0.80	0.15	-0.10	
	Ramp	-1	1.50	0.70	0.70	0.70	0.15	-0.16	

AEE

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	Steps	-4	0.20	0.45	0.45	0.45	0.15	-0.05	
		-4	0.30	0.40	0.40	0.40	0.15	-0.07	
	Cross Road From Anjaneya Temple Road								
	Steps	-1	1.50	0.60	0.60	0.60	0.15	-0.14	
							Present Qty	**155.90**	**Cum**
							Qty upto 125%	**48.15**	**Cum**
							Qty Above 125%	**107.75**	**Cum**

Signature of the Contractor

Assistant Engineer
Ward No.13 27/12/21

Assistant Executive Engineer 27/12/2021
Shettyhalli Sub Division

MODIFIED SCHEDULE B

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
48	KSRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3 (Page No. 146/ Item No.19.55/ PWD SR 2018-19)								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
	For Road Cutting Portion	1	2.40	4.00	4.10	4.05		9.72	
		1	30.00	4.10	3.90	4.00		120.00	
		1	30.00	3.90	4.00	3.95		118.50	
		1	30.00	7.00	7.10	7.05		211.50	
		1	20.00	7.10	7.40	7.25		145.00	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
	For Road Cutting Portion	2	17.00	1.00	1.00	1.00		34.00	
		2	21.80	1.00	0.90	0.95		41.42	
		2	30.00	0.90	1.00	0.95		57.00	
		2	30.00	1.00	1.20	1.10		66.00	
		2	12.30	1.80	1.80	1.80		44.28	
		2	18.60	1.50	1.30	1.40		52.08	
		2	9.20	0.75	0.75	0.75		13.80	
							Present Qty	**913.30**	**Sqm**

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Signature of the Contractor

Assistant Engineer
Ward No.13 19/02/22

Assistant Executive Engineer, 19/02/2022
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
49	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (Page No-147 Item no - 19.64 of KPWD SR 2018-19)								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
	For Road Cutting Portion	1	2.40	4.00	4.10	4.05		9.72	
		1	30.00	4.10	3.90	4.00		120.00	
		1	30.00	3.90	4.00	3.95		118.50	
		1	30.00	7.00	7.10	7.05		211.50	
		1	20.00	7.10	7.40	7.25		145.00	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
	For Road Cutting Portion	2	17.00	1.00	1.00	1.00		34.00	
		2	21.80	1.00	0.90	0.95		41.42	
		2	30.00	0.90	1.00	0.95		57.00	
		2	30.00	1.00	1.20	1.10		66.00	
		2	12.30	1.80	1.80	1.80		44.28	
		2	18.60	1.50	1.30	1.40		52.15	
		2	9.20	0.75	0.75	0.75		13.80	
	For CC Road								
	Mallasandra								
	Near Ashwath Katte								
	Cross Road From 4th Main Road to Dead End								
		1	9.20	5.50	5.20	5.35		49.22	
		1	18.30	6.00	4.40	5.20		95.16	
		1	18.40	3.60	4.50	4.05		74.52	
	Lake View Layout								
	2nd Main Road From SWD								
		1	10.00	4.60	4.50	4.55		45.50	
		1	22.00	5.20	5.20	5.20		114.40	
		1	7.20	6.20	6.20	6.20		44.64	
	Cross Road								
	Anjaneya Temple Road								
		1	4.00	15.00	12.00	13.50		54.00	
		1	8.30	12.00	10.00	11.00		91.30	
		1	3.00	11.10	9.40	10.25		30.75	
		1	9.70	8.15	6.60	7.38		71.54	
		1	15.00	5.40	4.20	4.80		72.00	
		1	6.40	4.20	4.00	4.10		26.24	
		1	9.40	4.60	5.00	4.80		45.12	
		1	3.70	3.50	3.40	3.45		12.77	
		1	6.20	5.70	4.80	5.25		32.55	
		1	15.50	4.00	3.40	3.70		57.35	
		1	7.60	3.50	4.00	3.75		28.50	
	Cross Road From Anjaneya Temple Road								
		1	6.30	7.10	7.30	7.20		45.36	
		1	4.60	11.20	11.60	11.40		52.44	
		1	4.00	0.70	2.00	1.35		4.10	

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	Deductions								
	Anjaneya Temple Road								
	Coconut Trees Area	-2	1.00	1.00	1.00	1.00		-2.00	
	Man Hole's	-3		(3.142*0.9*0.9)/4				-1.92	
	Transform Area	-1	0.90	0.30	0.30	0.30		-0.27	
	Dwajastamba	-1	0.80	0.80	0.80	0.80		-0.64	
	Ramp	-1	1.50	0.70	0.70	0.70		-1.05	
	Steps	-4	0.20	0.45	0.45	0.45		-0.36	
		-4	0.30	0.40	0.40	0.40		-0.48	
	Cross Road From Anjaneya Temple Road								
	Steps	-1	1.50	0.60	0.60	0.60		-0.90	
							Present Qty	**1953.21**	**Sqm**

C.05

A.E.E

Signature of the Contractor

Assistant Engineer
Ward No.13 21/02/22

Assistant Executive Engineer
Shettyhalli Sub Division 21/02/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
50	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications. MORTH Specification No. 406 (Page No-158 Item no - 20.18 of KPWD SR 2018-19).								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
	For Road Cutting Portion	1	2.40	4.00	4.10	4.05	0.25	2.43	
		1	30.00	4.10	3.90	4.00	0.25	30.00	
		1	30.00	3.90	4.00	3.95	0.25	29.63	
		1	30.00	7.00	7.10	7.05	0.25	52.88	
		1	20.00	7.10	7.40	7.25	0.25	36.25	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
	For Road Cutting Portion	2	17.00	1.00	1.00	1.00	0.25	8.50	
		2	21.80	1.00	0.90	0.95	0.25	10.36	
		2	30.00	0.90	1.00	0.95	0.25	14.25	
		2	30.00	1.00	1.20	1.10	0.25	16.50	
		2	12.30	1.80	1.80	1.80	0.25	11.07	
		2	18.60	1.50	1.30	1.40	0.25	13.02	
		2	9.20	0.75	0.75	0.75	0.25	3.45	
	For CC Road								
	Mallasandra								
	Near Ashwath Katte								
	Cross Road From 4th Main Road to Dead End								
		1	9.20	5.50	5.20	5.35	0.15	7.38	
		1	18.30	6.00	4.40	5.20	0.15	14.27	
		1	18.40	3.60	4.50	4.05	0.15	11.18	
	Lake View Layout								
	2nd Main Road From SWD								
		1	10.00	4.60	4.50	4.55	0.15	6.83	
		1	22.00	5.20	5.20	5.20	0.15	17.16	
		1	7.20	6.20	6.20	6.20	0.15	6.70	
	Cross Road								
	Anjaneya Temple Road								
		1	4.00	15.00	12.00	13.50	0.15	8.10	
		1	8.30	12.00	10.00	11.00	0.15	13.70	
		1	3.00	11.10	9.40	10.25	0.15	4.61	
		1	9.70	8.15	6.60	7.38	0.15	10.73	
		1	15.00	5.40	4.20	4.80	0.15	10.80	
		1	6.40	4.20	4.00	4.10	0.15	3.94	
		1	9.40	4.60	5.00	4.80	0.15	6.77	
		1	3.70	3.50	3.40	3.45	0.15	1.91	
		1	6.20	5.70	4.80	5.25	0.15	4.88	
		1	15.50	4.00	3.40	3.70	0.15	8.60	
		1	7.60	3.50	4.00	3.75	0.15	4.28	
	Cross Road From Anjaneya Temple Road								
		1	6.30	7.10	7.30	7.20	0.15	6.80	
		1	4.60	11.20	11.60	11.40	0.15	7.87	

AEE

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	4.00	0.70	2.00	1.35	0.10	0.54	
	Deductions								
	Anjaneya Temple Road								
	Coconut Trees Area	-2	1.00	1.00	1.00	1.00	0.15	-0.30	
	Man Hole's	-3	(3.142*0.9*0.9)/4				0.15	-0.29	
	Transform Area	-1	0.90	0.30	0.30	0.30	0.15	-0.04	
	Dwajastamba	-1	0.80	0.80	0.80	0.80	0.15	-0.10	
	Ramp	-1	1.50	0.70	0.70	0.70	0.15	-0.16	
	Steps	-4	0.20	0.45	0.45	0.45	0.15	-0.05	
		-4	0.30	0.40	0.40	0.40	0.15	-0.07	
	Cross Road From Anjaneya Temple Road								
	Steps	1	1.50	0.60	0.60	0.60	0.15	-0.14	
							Present Qty	**384.23**	**Cum**

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13
21/02/22 to 22/02/22

Assistant Executive Engineer
Shettyhalli Sub Division
21/02/2022 To 23/02/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
51	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) (Page No. 175.tem No.22.6.1,PW,P & IWTD SR 2018-19)								
	For CC Road								
	Mallasandra								
	Near Ashwath Katte								
	Cross Road From 4th Main Road to Dead End								
		1	9.20	5.50	5.20	5.35	0.15	7.38	
		1	18.30	6.00	4.40	5.20	0.15	14.27	
		1	18.40	3.60	4.50	4.05	0.15	11.18	
	Lake View Layout								
	2nd Main Road From SWD								
		1	10.00	4.60	4.50	4.55	0.15	6.83	
		1	22.00	5.20	5.20	5.20	0.15	17.16	
		1	7.20	6.20	6.20	6.20	0.15	6.70	
	Cross Road								
	Anjaneya Temple Road								
		1	4.00	15.00	12.00	13.50	0.15	8.10	
		1	8.30	12.00	10.00	11.00	0.15	13.70	
		1	3.00	11.10	9.40	10.25	0.15	4.61	
		1	9.70	8.15	6.60	7.38	0.15	10.73	
		1	15.00	5.40	4.20	4.80	0.15	10.80	
		1	6.40	4.20	4.00	4.10	0.15	3.94	
		1	9.40	4.60	5.00	4.80	0.15	6.77	
		1	3.70	3.50	3.40	3.45	0.15	1.91	
		1	6.20	5.70	4.80	5.25	0.15	4.88	
		1	15.50	4.00	3.40	3.70	0.15	8.60	
		1	7.60	3.50	4.00	3.75	0.15	4.28	
	Cross Road From Anjaneya Temple Road								
		1	6.30	7.10	7.30	7.20	0.15	6.80	
		1	4.60	11.20	11.60	11.40	0.15	7.87	
		1	4.00	0.70	2.00	1.35	0.10	0.54	
	Deductions								
	Anjaneya Temple Road								
	Coconut Trees Area	-2	1.00	1.00	1.00	1.00	0.15	-0.30	
	Man Hole's	-3	(3.142*0.9*0.9)/4				0.15	-0.29	
	Transform Area	-1	0.90	0.30	0.30	0.30	0.15	-0.04	
	Dwajastamba	-1	0.80	0.80	0.80	0.80	0.15	-0.10	

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	Ramp	-1	1.50	0.70	0.70	0.70	0.15	-0.16	
	Steps	-4	0.20	0.45	0.45	0.45	0.15	-0.09	
		-4	0.30	0.40	0.40	0.40	0.15	-0.07	
	Cross Road From Anjaneya Temple Road								
	Steps	-1	1.50	0.60	0.60	0.60	0.15	-0.14	
							Present Qty	**155.90**	**Cum**

Signature of the Contractor

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Item No	Pre Measurement Date Recorded On: / Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
52	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications.MORTH Specification No. 502 (Page No-161 Item no - 21.6 of KPWD SR 2018-19)								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
	For Road Cutting Portion	1	2.40	4.00	4.10	4.05		9.72	
		1	30.00	4.10	3.90	4.00		120.00	
		1	30.00	3.90	4.00	3.95		118.50	
		1	30.00	7.00	7.10	7.05		211.50	
		1	20.00	7.10	7.40	7.25		145.00	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
	For Road Cutting Portion	2	17.00	1.00	1.00	1.00		34.00	
		2	21.80	1.00	0.90	0.95		41.42	
		2	30.00	0.90	1.00	0.95		57.00	
		2	30.00	1.00	1.20	1.10		66.00	
		2	12.30	1.80	1.80	1.80		44.28	
		2	18.60	1.50	1.30	1.40		52.08	
		2	9.20	0.75	0.75	0.75		13.80	
							Present Qty	**913.30**	**Sqm**

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13 07/03/22

~~Assistant Executive Engineer~~
Shettyhalli Sub Division 07/03/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
53	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (Page No-160 Item no - 21.17.6 of KPWD SR 2018-19)								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
	For Road Cutting Portion	1	2.40	4.00	4.10	4.05	0.05	0.49	
		1	30.00	4.10	3.90	4.00	0.05	6.00	
		1	30.00	3.90	4.00	3.95	0.05	5.93	
		1	30.00	7.00	7.10	7.05	0.05	10.58	
		1	20.00	7.10	7.40	7.25	0.05	7.25	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
	For Road Cutting Portion	2	17.00	1.00	1.00	1.00	0.05	1.70	
		2	21.80	1.00	0.90	0.95	0.05	2.07	
		2	30.00	0.90	1.00	0.95	0.05	2.85	
		2	30.00	1.00	1.20	1.10	0.05	3.30	
		2	12.30	1.80	1.80	1.80	0.05	2.21	
		2	18.60	1.50	1.30	1.40	0.05	2.60	
		2	9.20	0.75	0.75	0.75	0.05	0.69	
							Present Qty	45.67	Cum

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13 07/03/22 to 11/03/22

Assistant Executive Engineer
Shettyhalli Sub Division 07/03/2022 To 11/03/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
54	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 (Page No-158 Item no - 21.2 of KPWD SR 2018-19)								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
		1	2.40	8.00	6.50	7.25		17.40	
		1	30.00	6.50	7.00	6.75		202.50	
		1	30.00	7.00	6.80	6.90		207.00	
		1	30.00	6.80	6.70	6.75		202.50	
		1	20.00	6.70	7.00	6.85		137.00	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
		1	17.00	5.30	5.20	5.25		89.25	
		1	21.80	4.50	5.00	4.75		103.55	
		1	30.00	4.80	5.30	5.05		151.50	
		1	30.00	5.30	5.50	5.40		162.00	
		1	12.30	4.60	5.00	4.80		59.04	
		1	18.60	5.40	5.60	5.50		102.30	
		1	9.20	3.70	3.30	3.50		32.20	
	Deductions								
	Shanthi Layout								
	1st Main Road								
	Ramp	-1	12.00	0.50	0.50	0.50		-6.00	
		-1	5.20	0.30	0.30	0.30		-1.56	
	CC Name Board Pole	-2	0.20	0.20	0.20	0.20		-0.08	
	Trees Area	-4	0.30	0.20	0.20	0.20		-0.24	
	Electrical Pole	-6	0.20	0.30	0.30	0.30		-0.36	
	Man Holes	-3	(3.142*0.9*0.9)/4					-1.92	
	Lake View Layout								
	2nd Main Road								
	Ramp	-1	6.00	0.60	0.60	0.60		-3.60	
	Trees Area	-21	0.30	0.20	0.20	0.20		-1.26	
		-2	0.40	0.40	0.40	0.40		-0.32	
		-1	2.00	0.75	0.75	0.75		-1.50	
	Electrical Pole	-6	0.20	0.30	0.30	0.30		-0.36	
	Man Holes	-3	(3.142*0.9*0.9)/4					-1.92	
							Present Qty	1447.12	Sqm

Signature of the Contractor

Assistant Engineer
Ward No.13 07/03/22

Assistant Executive Engineer
Shettyhalli Sub Division 07/03/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
55	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH (Page No-158 Item no - 21.7 of KPWD SR 2018-19)								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
		1	2.40	8.00	6.50	7.25		17.40	
		1	30.00	6.50	7.00	6.75		202.50	
		1	30.00	7.00	6.80	6.90		207.00	
		1	30.00	6.80	6.70	6.75		202.50	
		1	20.00	6.70	7.00	6.85		137.00	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
		1	17.00	5.30	5.20	5.25		89.25	
		1	21.80	4.50	5.00	4.75		103.55	
		1	30.00	4.80	5.30	5.05		151.50	
		1	30.00	5.30	5.50	5.40		162.00	
		1	12.30	4.60	5.00	4.80		59.04	
		1	18.60	5.40	5.60	5.50		102.30	
		1	9.20	3.70	3.30	3.50		32.20	
	Deductions								
	Shanthi Layout								
	1st Main Road								
	Ramp	-1	12.00	0.50	0.50	0.50		-6.00	
		-1	5.20	0.30	0.30	0.30		-1.56	
	CC Name Board Pole	-2	0.20	0.20	0.20	0.20		-0.08	
	Trees Area	-4	0.30	0.20	0.20	0.20		-0.24	
	Electrical Pole	-6	0.20	0.30	0.30	0.30		-0.36	
	Man Holes	-3	(3.142*0.9*0.9)/4					-1.92	
	Lake View Layout								
	2nd Main Road								
	Ramp	-1	6.00	0.60	0.60	0.60		-3.60	
	Trees Area	-21	0.30	0.20	0.20	0.20		-1.26	
		-2	0.40	0.40	0.40	0.40		-0.32	
		-1	2.00	0.75	0.75	0.75		-1.50	
	Electrical Pole	-6	0.20	0.30	0.30	0.30		-0.36	
	Man Holes	-3	(3.142*0.9*0.9)/4					-1.92	
							Present Qty	**1447.12**	**Sqm**

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13 19/03/22 to 21/03/22

Assistant Executive Engineer
Shettyhalli Sub Division 19/03/2022 To 21/03/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed Measurement Date Recorded On:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
56	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. Clause 507 of MORTH V Version as per IRC SP-53-2015,do-Using 40-60 TPH Capacity HMP With Mechanical Paver Grading II (30-45mm) with 5.4% of Modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (Waste Plastic) (P.No.171 & I.No.21.78.12, PWD 18-19)								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
		1	2.40	8.00	6.50	7.25	0.04	0.70	
		1	30.00	6.50	7.00	6.75	0.04	8.10	
		1	30.00	7.00	6.80	6.90	0.04	8.28	
		1	30.00	6.80	6.70	6.75	0.04	8.10	
		1	20.00	6.70	7.00	6.85	0.04	5.48	
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
		1	17.00	5.30	5.20	5.25	0.04	3.57	
		1	21.80	4.50	5.00	4.75	0.04	4.14	
		1	30.00	4.80	5.30	5.05	0.04	6.06	
		1	30.00	5.30	5.50	5.40	0.04	6.48	
		1	12.30	4.60	5.00	4.80	0.04	2.36	
		1	18.60	5.40	5.60	5.50	0.04	4.09	
		1	9.20	3.70	3.30	3.50	0.04	1.29	
	Deductions								
	Shanthi Layout								
	1st Main Road								
	Ramp	-1	12.00	0.50	0.50	0.50	0.04	-0.24	
		-1	5.20	0.30	0.30	0.30	0.04	-0.06	
	CC Name Board Pole	-2	0.20	0.20	0.20	0.20	0.04	0.00	
	Trees Area	-4	0.30	0.20	0.20	0.20	0.04	-0.01	
	Electrical Pole	-6	0.20	0.30	0.30	0.30	0.04	-0.01	
	Man Holes	-3	(3.142*0.9*0.9)/4				0.04	-0.08	
	Lake View Layout								
	2nd Main Road								
	Ramp	-1	6.00	0.60	0.60	0.60	0.04	-0.14	
	Trees Area	-21	0.30	0.20	0.20	0.20	0.04	-0.05	
		-2	0.40	0.40	0.40	0.40	0.04	-0.01	
		-1	2.00	0.75	0.75	0.75	0.04	-0.06	
	Electrical Pole	-6	0.20	0.30	0.30	0.30	0.04	-0.01	
	Man Holes	-3	(3.142*0.9*0.9)/4				0.04	-0.08	
							Present Qty	57.89	**Cum**

Signature of the Contractor

Assistant Engineer
Ward No.13
19/03/22 to 21/03/22

~~Assistant Executive Engineer~~
Shettyhalli Sub Division
19/03/2022
21/03/2022

AEE

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Pre measurement						
	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
57	Removal of Unserviceable Soil with Disposal KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301 (P.No.144 & I.No.19.20 PWD 18-19)						
		Qty Same As Per Vide Item No.41				440.07	
					Present Qty	440.07	Cum

Signature of the Contractor

Assistant Engineer
Ward No.13 18/4/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/4/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
58	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (P.No.136 & I.No.17.1 PWD 18-19)						
		Qty Same As Per Vide Item No.47				155.90	
		Qty Same As Per Vide Item No.48				54.80	
					Present Qty	210.70	Cum
					Qty Upto 125%	169.93	Cum
					Qty Above 125%	40.78	Cum

A.E.E

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
59	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road (P.No.136 & I.No.17.4 PWD 18-19)						
		Qty Same As Per Vide Item No.57				440.07	
		Qty Same As Per Vide Item No.58				210.70	
					Present Qty	650.77	

Signature of the Contractor

Assistant Engineer
Ward No.13
18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division
18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E-1	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (KPWD SR Page No.15, Item No.4.6)						
	For Temple Roof						
		1	9.80	9.80	0.10	9.60	
					Present Qty	9.60	Cum

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13 18/4/22

Assistant Executive Engineer
Shettyhalli Sub Division 18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

	Detailed Measurements						
	Detailed measurement recorded on:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Depth**	**Qty**	**Unit**
E2	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality. (P.No. 35, I.No. 7.10.2 of PWD SR 2018-19)						
	For New Building						
	For Windows						
	Ground Floor						
		1	0.80		1.15	0.92	
	First Floor						
	Room-1						
		2	1.20		1.20	2.88	
		1	1.10		1.20	1.32	
	Room-2						
		1	1.20		1.20	1.44	
		1	0.80		0.90	0.72	
					Present Qty	**7.28**	**Sqm**

Signature of the Contractor

Assistant Engineer, 18/4/22
Ward No.13

Assistant Executive Engineer 18/04/2022
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

	Detailed Measurements						
	Detailed measurement recorded on:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Depth**	**Qty**	**Unit**
E-3	Providing and fixing M.S.Grill over existing compound wall as per Chief Architect drawing No. 12686, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification. (Page No.7.36, Item No.7.36 KPWD SR 2018-19)						
	For Temple Surroundings						
		1	1.50		0.40	0.60	
		3	3.10		0.40	3.72	
		1	6.80		0.40	2.72	
		1	0.90		0.40	0.36	
					Present Qty	**7.40**	**Sqm**

Signature of the Contractor

Assistant Engineer 18/4/22
Ward No.13

~~Assistant Executive Engineer~~ 18/04/2022
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E-4	KSRB 14.3 : Providing and laying flooring and steps machine cut granite slabs 40mm thick on cement mortar bed 1:6, 25 mm thick, and pointed with cement mortar 1:3 over existing cement concrete bed , including cost of materials, labour, curing complete as per specifications. Specification No. KBS 14.26						
	For Temple Surrounding Compound Wall						
	From North West to South West						
	Double Layer (40mm thick)	2	1.20	0.40		0.96	
		2	1.20	0.40		0.96	
		2	1.50	0.40		1.20	
		2x3	3.10	0.40		7.44	
	On Top	4x2	0.45	0.45		1.62	
		4x2	0.40	0.40		1.28	
		4x2	0.30	0.30		0.72	
		4x2	0.45	0.45		1.62	
					Present Qty	**15.80**	**Sqm**

Signature of the Contractor

Assistant Engineer
Ward No.13
18/04/22

Assistant Executive Engineer
Shettyhalli Sub Division
18/04/2022

AEE

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed measurements

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E-5	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - **20mm nominal OD pipes. (P.No.99, I.No. 13.86.2 of PWD SR 2018-19)**						
	For New Building						
	On Terrace	1	12.00			12.00	
		1	2.50			2.50	
		1	5.10			5.10	
	From Terrace to GF	1	10.00			10.00	
	From Tank to GF	1	10.00			10.00	
	Inside at FF						
	Toilet Room	1	11.00			11.00	
	Pooja Room	1	5.00			5.00	
					Present Qty	**55.60**	**Mtr**

AEE

Signature of the Contractor

Assistant Engineer 15/12/21
Ward No.13

Assistant Executive Engineer 15/12/2021
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed measurements

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E-6	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - **25mm nominal OD pipes (P.No.99, I.No. 13.86.3 of PWD SR 2018-19)**						
	For New Building					7.00	
	From Sump to Terrace	1	7.00			12.00	
	On Terrace(towards Tank)	1	12.00			4.00	
		1	4.00			36.00	
	From Road to Sump	2	18.00				
					Present Qty	**59.00**	**Mtr**

Signature of the Contractor

Assistant Engineer
Ward No.13
18/9/22

Assistant Executive Engineer
Shettyhalli Sub Division
12/09/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed measurements						
	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E-7	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - **50mm nominal OD pipes. (P.No. 98/I.No. 13.85.6 of KPWD SR 2018-19)**						
	For New Building						
	Connection Between Storage Tanks	1	5.00			5.00	
					Present Qty	**5.00**	**Mtr**

Signature of the Contractor

18/4/22

Assistant Engineer
Ward No.13

18/04/2022

Assistant Executive Engineer
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed measurements

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E-8	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 110mm dia **(P.No. 90/I.No. 12.116.1 of KPWD SR 2018-19)**						
	For New Building						
	Rain Water Pipe From Terrace to Ground Floor	1	15.00			15.00	
	For Sanitory line						
		1	13.20			13.20	
	From Temple to Road	1	15.00			15.00	
					Present Qty	**43.20**	**Mtr**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/4/22

Assistant Executive Engineer 18/04/2022
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed measurements						
	Detailed measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E-9	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 **(P.No. 90/I.No. 13.23 of KPWD SR 2018-19)**						
	For New Building					7.00	
		7					
					Present Qty	**7.00**	**Each**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/04/22

Assistant Executive Engineer 18/04/2022
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

	Detailed measurements						
	Detailed measurement recorded on:						
Item No	**Discription of Item**	**No**	**Length**	**Breadth**	**Depth**	**Qty**	**Unit**
E-10	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22 **(P.No. 98/I.No. 13.78 of KPWD SR 2018-19)**						
	For New Building						
		2				2.00	
					Present Qty	**2.00**	**No's**

Signature of the Contractor

Assistant Engineer
Ward No.13 18/4/22

Assistant Executive Engineer 18/04/2022
Shettyhalli Sub Division

BRUHAT BENGALURU MAHANAGARA PALIKE

Office of the Executive Engineer

Name of work:Comprehensive development works in ward no.13, Mallasandra							
	Detailed measurements						
	Detailed measurement recorded on:						
E-11	Supply & delivery at site brand new make suitable HP deep well submercible pumpset suitable for vertical installation in 100 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cage submercible induction motor suitable for operation of **Single Phase, 0.37 KW** AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings **0.5HP/0.37KW 7stage (P.NO-XLII, I.NO-2, PWD SR-2018-19)**						
	For New Building					1.00	
		1					
					Present Qty	**1.00**	**No's**

Signature of the Contractor

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division

Name of work:Comprehensive development works in ward no.13, Mallasandra

Detailed Measurements

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
E12	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface: Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC: 35. The finished surface to be level, uniform and free from streaks and holes complete with all lead and lift and as per direction of engineer incharge of work								
	For Asphalt Road								
	Shanthi Layout								
	1st Main Road From Shettyhalli Main Road to Dead End								
		2.5	2.40	0.10	0.10	0.10		0.60	
		2.5	30.00	0.10	0.10	0.10		7.50	
		2.5	30.00	0.10	0.10	0.10		7.50	
		2.5	30.00	0.10	0.10	0.10		7.50	
		2.5	30.00	0.10	0.10	0.10		5.00	
		2.5	20.00	0.10	0.10	0.10			
	Lake View Layout								
	2nd Main Road From Main Road to Dead End								
		2	17.00	0.10	0.10	0.10		3.40	
		2	21.80	0.10	0.10	0.10		4.36	
		2	30.00	0.10	0.10	0.10		6.00	
		2	30.00	0.10	0.10	0.10		6.00	
		2	12.30	0.10	0.10	0.10		2.46	
		2	18.60	0.10	0.10	0.10		3.72	
		2	9.20	0.10	0.10	0.10		1.84	
							Present Qty	**55.88**	**Sqm**

AEE

Signature of the Contractor

Assistant Engineer
Ward No.13
18/4/22

Assistant Executive Engineer
Shettyhalli Sub Division
18/04/2022

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurements Recorded on

Sl no	SR Page No	Description of Work	Unit	Qty.
E-13	2/1.3.2	Supplying heavy gauge PVC Conduit Pipe ....dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.**25mm dia 2mm thick (KPWD Electrical SR 2019-20)**	Mtrs	
		For Ceiling		130.00
		For Wall		80.00
			Present Qty	**210.00**
E-14	9/3.4.1	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall. **1-3Way (KPWD Electrical SR 2019-20)**	Nos	
		First Floor (Room-2)		2
			Present Qty	**2**
E-15	9/3.4.2	**4-5Way**		
		First Floor (Room-2)		2
			Present Qty	**2**
E-16	9/3.4.4	**8Way**		
		First Floor (Room-1)		7
		First Floor (Room-2)		2
			Present Qty	**9**
E-17	9/3.4.5	**10-12Way**		
		First Floor (Room-1)		2
		First Floor (Room-2)		1
		Ground Floor		1
			Present Qty	**4**
E-18	9/3.5.1	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.**1 to 3 Module (KPWD Electrical SR 2019-20)**	Nos	
		First Floor (Room-2)		2
			Present Qty	**2**
E-19	9/3.5.2	**4 Module**		
		First Floor (Room-2)		2
			Present Qty	**2**

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurements Recorded on				
E-20	9/3.5.4	**8 Module**		
		First Floor (Room-1)		7
		First Floor (Room-2)		2
				9
E-21	9/3.5.5	**10 -12 Module**		2
		First Floor (Room-1)		1
		First Floor (Room-2)		1
		Ground Floor	**Present Qty**	4
E-22	10/3.6.1	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.**6Amps one way** Switch (KPWD Electrical SR 2019-20)		
		GF		30
		FF		30
			Present Qty	60
E-23	10/3.6.3	6Amps 3way socket	Each	
		GF		7
		FF		7
			Present Qty	14
E-24	10/3.6.4	Stepped Fan Regulator.		
		GF		4
		FF		3
				7
E-25	10/3.6.8	16Amps one way switch	Each	
		GF		6
		FF		6
			Present Qty	12
E-26	5/2.2.1	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using **2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire** (confirming to IS-694: and latest amendments) **without control switch** shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.Short point upto 3Mtr from tapping point to out let via switch box (KPWD Electrical SR 2019-20)	Points	20
E-27	2.2.2	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	Points	10

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurements Recorded on

E-28	2.3	Wiring for lighting/power circuit using one of **FRLS** PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.1.5 sqmm (KPWD Electrical SR 2019-20)	Mtrs	188
E-29	2.3.3	2.5sqmm	Mtr.	180.00
E-30	2.3.4	4sqmm	Mtr.	180.00
E-31	28/5.18.7	Supplying and fixing regular MCB distribution boards on wall/ wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 8Way SP &N (KPWD Electrical SR 2019-20)	Nos	1
E-32	5.17.4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32 Amps DP. (KPWD Electrical SR 2019-20)	Nos	10
E-33	40/6.4.4	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975.4 core 16 sqmm (KPWD Electrical SR 2019-20)	Mtrs	30
E-34	41/6.5.1	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.6 sqmm to 16 sqmm (KPWD Electrical SR 2019-20)	Mtrs	30
E-35	41/6.6.1	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary) (KPWD Electrical SR 2019-20)	Mtrs	20
E-36	41/6.9.1	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm (KPWD Electrical SR 2019-20)	Mtrs	6
E-37	6.10.2	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.16Sqmm (KPWD Electrical SR 2019-20)	Nos	2

Name of work:Comprehensive development works in ward no.13, Mallasandra

Pre Measurements

Pre Measurements Recorded on

E-38	30/5.42.2	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG (KPWD Electrical SR 2019-20)	Sqcms	**8550**
E-39	79/14.7.1	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.On wall / ceiling / Rafter / Girders (KPWD Electrical SR 2019-20)	**Nos**	
		GF		7
		FF		6
			Present Qty	**13**
E-40	25/5.7.2	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32Amps (KPWD Electrical SR 2019-20)	Nos	**2**

Signature of the Contractor

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub Division